



**FAB** 13 1998

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February 13, 1998

A.C.C. - DOCKET CONTROL RECEIVED

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DOCUMENTS ARE SUBJECT TO REVIEW BEFORE ACCEPTANCE AS A DOCKETED ITEM OK Am con

Director, Utilities Division **Arizona Corporation Commission** 1200 West Washington Street Phoenix, Arizona 85007

Re:

Mr. Morris Wolff

Filing by Arizona Public Service Company Pursuant to A.A.C. R14-2-1601, et seq.

Dear Mr. Wolff:

On December 31, 1997, Arizona Public Service Company ("APS" or "Company") filed a letter with the Commission setting forth both an outline of the necessary elements of a proper customer selection methodology under A.A.C. R14-2-1604 and an explanation of the reasons why APS was unable to submit either meaningful unbundled rates pursuant to A.A.C. R14-2-1607 or a systems benefit charge ("SBC") under A.A.C. R14-2-1608. In response, the Commission issued an Order to Show Cause ("OSC") on January 14, 1998. In its Answer to this OSC, APS reiterated that the Commission had yet to resolve the critical issues affecting the customer phase-in, unbundled rates, and the SBC necessary to make a responsive filing. However, APS also indicated in its Answer that the Company would make a good faith filing with regard to these issues prior to February 25, 1998.

Although none of the issues identified in the Company's letter of December 31st have been resolved, APS has subsequently attempted to "fill in the gaps" necessary to comply with at least the spirit of the above-cited regulations. To that end, the Company makes the following submittals:

- 1. A set of Direct Access Tariffs;
- 2. An End-Use Services Tariff;
- An End-Use Services Credits Tariff; 3.
- A proposed SBC Mechanism and Plan of Administration; 4.
- 5. A proposed method for calculating market generation credits used in the Direct Access Tariffs:
- 6. A proposed customer selection methodology; and,
- APS' pro-forma Open Access (Transmission) Tariff ("OAT"). 7.

#### **Direct Access Tariffs**

APS has designed Direct Access Tariffs based on its existing rate schedules, with credits given for generation and/or other competitive services selected by the customer. The tariffs give a further credit for transmission service taken under the Company's OAT. By using its present rate schedules and rate structures, it was the Company's intent to avoid unanticipated shifts in revenue responsibility solely as a result of unbundling.

#### **End-Use Services Tariffs**

The End-Use Services Tariff covers competitive services offered Electric Service Providers ("ESP's") under A.A.C. R14-2-1607. These include metering and meter reading, billing and collection, and information services. Some of these tariff provisions contain specific prices for specific services. In most other cases, this is simply not possible, and APS has designed these tariffs in a manner similar to competitive services offered by Southwest Gas Corporation and US West Communications, Inc., i.e., through negotiated contracts covering the offered services.

#### **End-Use Services Credits Tariff**

This Tariff establishes the credits for APS direct access customers using metering and/or billing entities other than the Company. The credits are based on the avoided cost of such services to APS.

#### SBC Mechanism and Plan of Administration

APS is proposing a SBC for 1999 of 0.137¢/kWh. This includes all approved low income, DSM, environmental, and nuclear decommissioning (including nuclear fuel disposal) costs. This base level charge could be adjusted upward or downward depending upon changes in the costs of approved programs or if the Commission imposed new service obligations on APS. Moreover, the SBC would be reviewed every three (3) years, beginning in 2001 even in the absence of these factors. A Plan of Administration spelling out more details concerning the workings of the proposed SBC mechanism is attached.

#### **Generation Credits**

As set forth in the Company's testimony in the pending generic stranded cost docket, this generation credit is based on the California PX exchange price (or other comparable price index as approved by the Commission) less California administrative costs plus transmission wheeling charges and losses. The credit is thereafter is applied to each of the Company's proposed Direct Access Tariffs.

### <u>Customer Selection</u>

APS has offered two (2) separate customer selection proposals. The first, which APS believes to be far more practical, fair, and efficient than that suggested by A.A.C. R14-2-1604, would grant direct access to all customers 3MW or larger on January 1, 1999; all other customers 1MW or larger on January 1, 2000; and all remaining customers on January 1, 2001. The second proposal reflects the current phase-in under A.A.C. R14-2-1604 and is generally based on random

selection. However, customers presently under contract with APS would not become eligible for selection until either the contract is terminated in accordance with its terms or APS and the customer mutually agree to terminate the contract.

# APS' Open Access Tariff

APS believes FERC's pro forma open access tariff, and consequently the Company's FERC-approved, presently effective OAT, does not accommodate retail direct access in the manner contemplated by the Commission's Competition Rules. Many modifications, such as requirements for load size, hourly scheduling and metering, will be required to provide transmission and ancillary services to all retail customers. APS is in the process of addressing the required modifications in conjunction with the ACC Reliability and Safety Working Group. APS hopes these issues can be resolved shortly and then APS will file an amended OAT with the FERC for its acceptance.

#### Conclusion

APS asks that the Commission approve the proposed Direct Access Tariffs, the proposed End-Use Services Credits Tariff, and the proposed SBC Mechanism (as well as the associated Plan of Administration). In addition, the Commission should approve the Company's method of calculating market generation credits for use in the Direct Access Tariffs. Finally, although the Commission can not "approve" possible future changes to the Company's FERC OAT, APS does ask Commission concurrence in and support for such changes so that APS and the Commission can jointly seek their approval by FERC.

Sincerely,

Donald G. Robinson

Director

Pricing, Regulation & Planning

Doul DE

**DGR** 

Attachment

# DIRECT ACCESS TARIFFS

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	1	
Sheet No.	1 of 3	
Revision No.		
Effective:		

# DIRECT ACCESS RESIDENTIAL SCHEDULE NO. 1

#### **AVAILABILITY**

In all territory served by Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served.

#### **APPLICABILITY**

To all single phase or three phase (subject to availability at point of delivery) residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter; however, electric water heating may be metered separately.

Not applicable to resale, breakdown, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, nominal 120/240 volts.

#### **RATES**

#### Single-Phase Service

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)         \$0.060950 Per kWh           Summer         \$0.048757 Per kWh
Transmission \$0.007305 Per kWh
Distribution
Distribution Primary \$0.015988 Per kWh
Distribution Secondary \$0.007091 Per kWh
Customer Charge-Service Drop \$2.685628 Per Month
Meter Services
Installation \$0.400543 Per Month
Maintenance \$0.080109 Per Month
Equipment \$0.320434 Per Month
Equipment
Meter Reading Services \$0.513286 Per Month
Billing and Collection
Customer Accounting 31,000000 Per Month
•
Demand Side Management \$0.000617 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice Pres

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	1	
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Revision No.		
Effective:		

# <u>DIRECT ACCESS</u> RESIDENTIAL SCHEDULE NO. 1

Uncollectible Accounts

\$0.000133 Per kWh

Customer Information and Lifeline Discount

\$0.000684 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### Three Phase Service

Same as single-phase service, except three-phase service is subject to the following additional charges:

There is a 3 phase differential of:

\$7,500000 Per Month

Its components are:

Customer Charge-Service Drop

\$1.000000 Per Month

Meter Services

Installation

\$0.812500 Per Month

Maintenance

\$0.812500 Per Month

Equipment

\$4.875000 Per Month

Subtotal

\$6.500000 Per Month

### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

# ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	1	
Sheet No.	3 of 3	
Revision No.		
Effective:		

# DIRECT ACCESS **RESIDENTIAL SCHEDULE NO. 1**

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- There shall be a \$13.50 charge for the initial establishment of each new service for each Customer. 1.
- There shall be a \$13.50 charge for the re-establishment of each service for each Customer. 2.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation. load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Electric space heating and water heating equipment and installation shall conform to the Company's requirements.

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	2
Sheet No.	1 of 3
Revision No.	

# **DIRECT ACCESS RESIDENTIAL SCHEDULE NO. 2**

Effective:

#### **AVAILABILITY**

This rate is limited to installations and Customers served under Rate No. 2 on the effective date of this tariff sheet.

#### **APPLICABILITY**

To separately metered single phase residential off-peak water heating service where general residential service is also provided under Rate No. 1. When service under Rate No. 2 is discontinued, the Company will either combine usage and bill under Rate No. 1.or modify the service entrance equipment so all service is supplied through the Rate No. 1 meter.

Not applicable to three phase service, resale, breakdown, standby, auxiliary, or any other service except off-peak water heating in accordance with the provisions of this rate schedule.

Where service other than water heating to which this rate is applicable has been taken hereunder, the regular rate for such service shall be applied on a monthly basis to all consumption billed hereunder during the previous twelve months less the aggregate of payments made hereunder for the same period of time. The regular rate shall continue to apply until the unauthorized service is permanently separated from the off-peak water heating service.

In the event that unauthorized usage on this rate occurs, the Company may require a credit deposit or similar guarantee to insure payment of future bills.

#### CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

Service may be controlled by the Company by disconnecting electricity during certain periods of the day not exceeding 8 hours in any 24hour period, as determined by the Company from time to time.

#### RATE

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Equipment

Generation (see MGC below) All kWh	\$0.023645 Per kWh
Transmission	\$0.007305 Per kWh
Distribution Distribution Primary Distribution Secondary Subtotal	\$0.015988 Per kWh \$0.007091 Per kWh
Customer Charge-Service Drop	\$5.695628 Per Month
Meter Services Installation Maintenance	\$0.400543 Per Month \$0.080109 Per Month

\$0.320434 Per Month

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

District: Entire Electric Service Area

Vice President, Rates & Regulatory Support

Tariff No. Sheet No. Revision No. \_\_\_ Effective:

# **DIRECT ACCESS RESIDENTIAL SCHEDULE NO. 2**

Subtotal

\$0.801086 Per Month

Meter Reading Services

\$0.513286 Per Month

Billing and Collection

Customer Accounting

\$1.000000 Per Month

Demand Side Management

\$0.000617 Per kWh

Uncollectible Accounts

\$0.000133 Per kWh

Customer Information and Lifeline Discount

\$0.000684 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- There shall be a \$13.50 charge for the initial establishment of each new service for each Customer. 1.
- There shall be a \$13.50 charge for the re-establishment of each service for each Customer. 2.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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Effective:		

# DIRECT ACCESS RESIDENTIAL SCHEDULE NO. 2

Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

The electric water heating equipment and installation shall conform to the Company's requirements and be for normal domestic use. The heater shall be of the storage type and not less than 30-gallon capacity. For a water heater equipped with one heating element, the rating of the heating element shall not exceed 6000 watts. For a water heater equipped with more than one heating element, the rating of any such heating element shall not exceed 6000 watts, and, if the total of the ratings of the elements exceeds 6000 watts, they shall be thermostatically interlocked so that they cannot operate simultaneously and thereby exceed 6000 watts. The Customer shall provide the necessary wiring to permit the installation of the Company's metering and control equipment.

Tucson, Arizona

Filed by: Steven J. Glaser

Title: View Considerat I

Fitle: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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Effective:		

# DIRECT ACCESS GENERAL SERVICE SCHEDULE NO. 10

#### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### **APPLICABILITY**

To all general power and lighting service unless otherwise addressed by specific rate schedules, when all energy is supplied at one point of delivery and through one metered service.

Not applicable to resale, breakdown, standby, or auxiliary service.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

#### **RATES**

#### Single-Phase Service

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Gener	ation (see MGC below)		
	Summer 1st block	\$0.084145 F	Per kWh
	Summer 2nd block	\$0.070523 A	Per kWh
	Winter 1st block	\$0.084145	Per kWh
	Winter 2nd block	\$0.063818 A	•
	WITTEL ZIIG DIOCK	<b>4</b> 0.0000101	C. ATTI
Transi	mission	\$0.007382 A	Per kWh
Distrib	ution		
	Distribution Primary	\$0.016301 A	er kWh
	Distribution Secondary	\$0.006724 F	Per kWh
	Customer Charge-Service Drop	\$2.410802 F	Per Month
Meter	Services		
	Installation	\$1.057093 A	Per Month
	Maintenance	\$0.211419 F	Per Month
	Equipment	\$0.845674 F	Per Month
Meter	Reading Services	\$0.475012	Per Month
2illina	and Collection		
•	Customer Accounting	\$1.000000 8	Per Month
	<b>→</b>		
Dema	nd Side Management	\$0.000625	er kWh
	··		

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	10	
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Effective:		

# **DIRECT ACCESS GENERAL SERVICE SCHEDULE NO. 10**

Uncollectible Accounts

\$0,000134 Per kWh

Customer Information and Lifeline Discount

\$0.000693 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management. Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### Three Phase Service

Same as single-phase service, except three-phase service is subject to the following additional charges:

There is a 3 phase differential of:

\$7.500000 Per Month

Its components are:

Customer Charge-Service Drop

\$1,000000 Per Month

Meter Services

Installation

Maintenance

Equipment

Subtotal

\$0.812500 Per Month

\$0.812500 Per Month

\$4.875000 Per Month

\$6.500000 Per Month

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

# ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### ADJUSTMENT FOR TRANSFORMER CWNERSHIP AND METERING

- (a) When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the demand each month.
- (b) When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the demand each month.
- (c) When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the demand each month.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	10	
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Effective:		

# **DIRECT ACCESS GENERAL SERVICE SCHEDULE NO. 10**

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- There shall be a \$13.50 charge for the initial establishment of each new service for each Customer. 1.
- There shall be a \$13.50 charge for the re-establishment of each service for each Customer. 2.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract and a minimum term of contract.

Where the Customer's utilization equipment is operated on a fixed schedule and can be readily and efficiently inspected by the Company to verify its demand and/or kWh usage, the Company may supply unmetered service under this Rate Schedule upon the basis of the demand and/or kWh usage determined by the Company. The Company reserves the right at any time to meter service previously supplied on an unmetered basis. The Customer will be responsible for notifying the Company of any changes being made in the equipment connected to the system. The determined demand and/or kWh usage will be adjusted as equipment is changed.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	11	
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Effective:		

# DIRECT ACCESS MOBILE HOME PARK SCHEDULE NO. 11

#### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

### **APPLICABILITY**

To mobile home parks for service through a master meter to two or more mobile homes, provided each mobile home served through such master meter will be individually metered and billed by the park operator in accordance with applicable Orders of the Arizona Corporation Commission. Electric service to the park's facilities used by its residents may be supplied under this schedule only if such facilities are served through a master meter which serves two or more mobile homes.

Not applicable to resale, breakdown, standby, or auxiliary service.

### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

#### **RATES**

#### Single-Phase Service

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
Summer	\$0.060950 Per kWh
Winter .	\$0.048757 Per kWh
Transmission	\$0.007305 Per kWh
Distribution	
Distribution Primary	\$0.015988 Per kWh
Distribution Secondary	\$0.007091 Per kWh
Customer Charge-Service Drop	\$2.410802 Per Month
Meter Services	
Installation	\$1.057093 Per Month
Maintenance	\$0.211419 Per Month
Equipment	\$0.845674 Per Month
Meter Reading Services	\$0.475012 Per Month
Billing and Collection	
Customer Accounting	\$1.000000 Per Month
Demand Side Management	\$0.000617 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No	11	
Sheet No.	2 of 3	
Revision No.		
Effective:		

# DIRECT ACCESS MOBILE HOME PARK SCHEDULE NO. 11

Uncollectible Accounts

\$0,000133 Per kWh

Customer Information and Lifeline Discount

\$0.000684 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### Three Phase Service

Same as single-phase service, except three-phase service is subject to the following additional charges:

There is a 3 phase differential of:

\$7.500000 Per Month

Its components are:

Customer Charge-Service Drop

\$1.000000 Per Month

Meter Services

Installation

\$0.812500 Per Month

Maintenance

\$0.812500 Per Month

Equipment

\$4.875000 Per Month

Subtotal

\$6.500000 Per Month

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- (a) When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the demand each month.
- (b) When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the demand each month.
- (c) When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the demand each month.

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice P

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No	11	
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# DIRECT ACCESS MOBILE HOME PARK SCHEDULE NO. 11

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- 1. There shall be a \$13.50 charge for the initial establishment of each new service for each Customer.
- 2. There shall be a \$13.50 charge for the re-establishment of each service for each Customer.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract and a minimum term of contract.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No	13	
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Effective:		

# DIRECT ACCESS LARGE GENERAL SERVICE SCHEDULE NO. 13

#### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

### **APPLICABILITY**

To all general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. Customer shall contract for a demand of not less than 200 kW.

Not applicable to resale, breakdown, standby, or auxiliary service.

#### **CHARACTER OF SERVICE**

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

#### **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
Min. Chg. Up to 200 kW	\$1,107.760205 Per Month
2nd block kW	\$4.958139 Per kW
Summer kWh	\$0.048419 Per kWh
Winter kWh	\$0.045998 Per kWh

# Transmission

Min. Chg. Up to 200 kW	\$124.851590 Per Month
2nd block kW	\$0.558814 Per kW
Summer kWh	\$0.005457 Per kWh
Winter kWh	\$0.005184 Per kWh

#### Distribution

Distribution Primary	
Min. Chg. Up to 200 kW	\$163.420632 Per Month
2nd block kW	<b>\$</b> 0.731442 <i>Per kW</i>
Summer kWh	\$0.007143 Per kWh
Winter kWh	\$0.006786 Per kWh

Distribution Secondary	
Min. Chg. Up to 200 kW	\$67.413741 Per Month
2nd block kW	\$0.301732 Per kW
Summer kWh	\$0.002947 Per kWh
Winter kWh	\$0.002799

\$203,915716 Per Month Customer Charge-Service Drop

Meter Services

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS LARGE GENERAL SERVICE SCHEDULE NO. 13

### ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- 1. When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.
- 2. When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.
- 3. When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- 1. There shall be a \$13.50 charge for the initial establishment of each new service for each Customer.
- 2. There shall be a \$13.50 charge for the re-establishment of each service for each Customer.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract and a minimum term of contract.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service. Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Reculatory Support Title:

District: Entire Electric Service Area

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# DIRECT ACCESS LARGE LIGHT AND POWER SCHEDULE NO. 14

#### **AVAILABILITY**

Rate No. 14 shall be available for any Customer within the service territory of the Company if the Company has facilities of adequate capacity and a written contract, covering such matters as the Company and Customer shail deem appropriate.

#### CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, and shall be supplied directly from any 46,000 volt, or higher voltage, system through distribution facilities used exclusively to serve Rate 14 customers at a delivery voltage of not less than 2400/4160 volts and delivered at a single point of delivery unless otherwise specified in the contract.

#### RATE

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)

Billing and Collection

Demand Charge	\$9.063907 Per kW
Summer kWh	\$0.041830 Per kWh
Winter kWh	\$0.039739 Per kWh
Transmission	
Demand Charge	\$0.904158 Per kW
Summer kWh	\$0.004173 Per kWh
Winter kWh	\$0.003964 Per kWh
Distribution	
Distribution Primary	
Demand Charge	\$0.000000 Per kW
Summer kWh	\$0.000000 Per kWh
Winter kWh	\$0.000000 Per kWh
Distribution Secondary	
Demand Charge	\$0.000000 Per kW
Summer kWh	\$0.000000 Per kWh
Winter kWh	\$0.000000 Per kWh
Customer Charge-Service Drop	\$0.000000 Per Month
Meter Services	
Installation	\$2.000000 Per Month
Maintenance	\$2.000000 Per Month
Equipment	\$16.000000 Per Month
Meter Reading Services	\$1.000000 Per Month

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS LARGE LIGHT AND POWER SCHEDULE NO. 14

**Customer Accounting** 

\$35,000000 Per Month

Demand Side Management

\$0.086905 Per kW Demand Charge \$0.000401 Per kWh Summer kWh Winter kWh \$0.000381 Per kWh

Uncollectible Accounts

\$0.018679 Per kW Demand Charge \$0.000086 Per kWh Summer kWh \$0.000082 Per kWh Winter kWh

Customer Information and Lifeline Discount

\$0.096351 Per kW Demand Charge \$0.000445 Per kWh Summer kWh \$0.000422 Per kWh Winter kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### **BILLING DEMAND**

The billing demand shall be specified in the contract, but shall not be less than 3,000 kW. Additionally, the billing demand shall not be less than 66.67% of the maximum billing demand in the preceding eleven (11) months, unless otherwise specified in the contract.

#### POWER FACTOR ADJUSTMENT

The above rate is subject to a discount or a charge of 1.3d per kW of billing demand for each 1% the average monthly power factor is above or below 90% lagging to a maximum discount of 13.0c per kW of billing demand per month.

#### TAX CLAUSE

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No	14	
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# **DIRECT ACCESS** LARGE LIGHT AND POWER SCHEDULE NO. 14

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	21	
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# DIRECT ACCESS RESIDENTIAL TIME-OF-USE SCHEDULE NO. 21 (FROZEN)

### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Direct access to the meter during normal working hours is also a prerequisite for this rate schedule.

#### APPLICABILITY

To any Customer entitled to single phase service under Rate 01. Preference may be given to those Customers whose historic or expected annual usage exceeds 16,000 kWh. Service must be single phase residential electric service in individual private dwellings and individually metered multi-family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off-peak electric water heating may be metered separately.

Not applicable to three phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

The total number of Customers served under this Time-of-Use Rate Schedule is limited to 5,000. Service under this schedule will commence when the appropriate meter has been installed.\* Customers must stay on this Rate Schedule for a minimum period of one (1)

The waiting list for service under this Time-of-Use Rate Schedule was frozen as of March 31, 1996.

As meters become available from the original group of 5,000, customers on the frozen waiting list will be offered service under this Rate Schedule in the order that they were placed on the waiting list.

Customers currently served under this Rate Schedule that change residences will not be allowed to receive service under this Rate Schedule at their new residence.

#### CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

#### **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) Summer Peak Summer Off-Peak	\$0.096143 Per kWh \$0.019367 Per kWh
Winter Peak Winter Off-Peak	\$0.069211 Per kWh \$0.019367 Per kWh
Transmission	\$0.007305 Per kWh
Distribution Distribution Primary Distribution Secondary Subtotal	\$0.015988 Per kWh \$0.007091 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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\$0,000684 Per kWh

# **DIRECT ACCESS** RESIDENTIAL TIME-OF-USE SCHEDULE NO. 21 (FROZEN)

Customer Charge-Service Drop \$2,585628 Per Month Meter Services \$1.400543 Per Month Installation \$0.280109 Per Month Maintenance \$1.120434 Per Month Equipment \$2,801086 Per Month Subtotal \$0.513286 Per Month Meter Reading Services Billing and Collection \$1.000000 Per Month **Customer Accounting** \$0.000617 Per kWh Demand Side Management \$0.000133 Per kWh Uncollectible Accounts

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

During the summer season, the On-Peak period is 10:00 a.m. to 10:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). During the winter season, the On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

Customer Information and Lifeline Discount

# ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold nereunder.

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice Preside

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS RESIDENTIAL TIME-OF-USE SCHEDULE NO. 21 (FROZEN)

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- 1. There shall be a \$13.50 charge for the initial establishment of each new service for each Customer.
- 2. There shall be a \$13.50 charge for the re-establishment of each service for each Customer.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Electric space heating and water heating equipment and installation shail conform to the Company's requirements.

\*This Rate Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters will be installed within any specific time. However, the Company will make its best effort to install the special meter within a reasonable time.

Tucson, Arizona

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District: Entire Electric Service Area

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# DIRECT ACCESS INTERRUPTIBLE AGRICULTURAL PUMPING SCHEDULE NO. 31

#### **AVAILABILITY**

Available for interruptible service to agricultural pumping customers throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### APPLICABILITY

Applicable to separately metered interruptible agricultural water pumping service for irrigation purposes of the Customer only.

Not applicable to resale, breakdown, standby, auxiliary, or any other service except agricultural pumping in accordance with the provisions of this rate schedule.

### CHARACTER OF SERVICE

Three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

#### RATE

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
Summer	\$0.033445 Per kWh
Winter	\$0.032607 Per kWh
Transmission	
Summer	\$0.005900 Per kWh
Winter	\$0.005752 <i>Per kWh</i>
Distribution	
Distribution Primary	
Summer	\$0.007723 Per kWh
Winter	\$0.007529 Per kWh
Distribution Secondary	
Summer	\$0.003186 Per kWh
Winter	\$0.003106 Per kWh
Customer Charge-Service Drop	
Summer	\$0.000310 Per kWh
Winter	\$0.000302 Per kWh
Meter Services	
installation	
Summer	\$0.000199 Per kWh
Winter	\$0.000194 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS INTERRUPTIBLE AGRICULTURAL PUMPING SCHEDULE NO. 31

Maintenance

Summer

\$0,000040 Per kWh

Winter.

\$0.000039 Per kWh

Equipment

Summer

\$0.000159 Per kWh

Winter

\$0.000155 Per kWh

Meter Reading Services

Summer

\$0.000089 Per kWh

Winter

\$0.000087 Per kWh

Billing and Collection

**Customer Accounting** 

Summer

\$0.000332 Per kWh

Winter.

\$0.000324 Per kWh

Demand Side Management

Summer

\$0.000499 Per kWh

Winter

\$0.000487 Per kWh

Uncollectible Accounts

Summer

\$0.000107 Per kWh

Winter

\$0.000105 Per kWh

Customer Information and Lifeline Discount

Summer

\$0.000554 Per kWh

Winter

\$0.000540 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management. Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Minimum Bill - The Customer guarantees that its load shall be sufficient such that a summation of all the above payments shall be not less than \$30.00 per hp connected and in no event less than \$1,800.00.

Minimum payments at the rate of \$2.50 per hp of motors connected, but not less than \$150.00 shall be made monthly. If during the contract year (which shall be from April 1 to March 31 of the following year) the total payments exceed the annual guarantee of \$30.00 per hp connected but not less than \$1,800.00, then the Customer shall be credited the difference between the amount actually paid during the contract year and the amount which would have been paid had the monthly minimum charge not been applied.

#### DETERMINATION OF HORSEPOWER FOR BILLING

Horsepower connected shall be the manufacturer's nameplate rating of all equipment of Customer connected for service under this schedule. but not less than 60 hp.

Tucson, Arizona

Filed by: Steven J. Glaser

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS INTERRUPTIBLE AGRICULTURAL PUMPING SCHEDULE NO. 31

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

# ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### TERMS AND CONDITIONS OF SERVICE

- 1. Customer must furnish, install, own, and maintain at each point of delivery ail necessary Company approved equipment which will enable the Company to interrupt service with its master control station.
- 2. Service may be interrupted by Company during certain periods of the day not exceeding six hours in any 24-hour period.
- 3. Company will endeavor to give customer one hour notice of impending interruption; however, service may be interrupted without notice should Company deem such action necessary.
- 4. Where service other than agricultural pumping to which this rate is applicable has been taken hereunder, the general service rate shall be applied on a monthly basis to all usage billed hereunder during the previous twelve months less the aggregate of payments made hereunder for the same period of time. The general service rate shall continue to apply until the unauthorized service is permanently separated from the agricultural pumping service.
- 5. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

#### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President

tle: <u>Vice President, Rates & Regulatory Support</u>

District: Entire Electric Service Area

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# DIRECT ACCESS MUNICIPAL SERVICE SCHEDULE NO. 40

#### **AVAILABILITY**

Available for Municipal Service where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### **APPLICABILITY**

Applicable for service to the City of Tucson and City of South Tucson for Municipal buildings and grounds.

Not applicable to resale, breakdown, standby, or auxiliary service or to buildings used for residential purposes.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, at secondary voltage and subject to availability at point of delivery approved by the Company.

#### RATE

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation	(see MGC below)
Cuma	nor

Summer Winter \$0.059681 Per kWh \$0.056696 Per kWh

Transmission

Summer

\$0.007666 Per kWh

Winter

\$0.007283 Per kWh

Distribution

Distribution Primary

Summer Winter \$0.010118 Per kWh

\$0.009612 Per kWh

Distribution Secondary

Summer Winter \$0.004194 Per kWh \$0.003984 Per kWh

Customer Charge-Service Drop

Summer Winter \$0.000169 Per kWh

\$0.000160 Per kWh

Meter Services

Installation

Summer Winter \$0.000261 Per kWh

\$0.000248 Per kWh

Maintenance

Summer Winter \$0.000052 Per kWh

\$0,000050 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President. Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS MUNICIPAL SERVICE SCHEDULE NO. 40

Equipment

Summer

\$0.000209 Per kWh

Winter

\$0.000198 Per kWh

Meter Reading Services

Summer

\$0.000049 Per kWh

Winter

\$0.000046 Per kWh

Billing and Collection

**Customer Accounting** 

Summer

\$0.000181 Per kWh

Winter

\$0.000172 Per kWh

Demand Side Management

Summer

\$0.000671 Per kWh

Winter

\$0.000637 Per kWh

Uncollectible Accounts

Summer

\$0.000144 Per kWh

Winter

\$0.000137 Per kWh

Customer Information and Lifeline Discount

Summer

\$0.000744 Per kWh

Winter

\$0.000707 Per kWh

Summer billing months are May through October and winter billing months are November through April.

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

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Title: Vice Preside

e: <u>Vice President, Rates & Regulatory Support</u>

District: Entire Electric Service Area

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# DIRECT ACCESS MUNICIPAL SERVICE SCHEDULE NO. 40

#### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract.

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Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# **DIRECT ACCESS** TRAFFIC SIGNAL AND STREET LIGHTING SCHEDULE NO. 41

#### **AVAILABILITY**

Available for service to the State, a county, city, town, political subdivision, improvement district, or a responsible person or persons for unincorporated communities for Traffic Signal and Street Lighting purposes where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### **APPLICABILITY**

Applicable to Customer owned and maintained traffic signals and public street and highway lighting.

Not applicable to resale, breakdown, standby, or auxiliary service.

# CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery approved by the Company.

#### RATE

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) All kWh	\$0.028023 Per kWh
Transmission All kWh	\$0.003450 Per kWh
Distribution	
Distribution Primary All kWh	\$0.021651 Per kWh
Distribution Secondary All kWh	\$0.009475 Per kWh
Customer Charge-Service Drop All kWh	\$0.004070 Per kWh
Meter Services	
Installation All kWh	\$0.000000 Per kWh
Maintenance All kWh	\$0.000000 Fer kWh
Equipment All kWh	30.000000 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS TRAFFIC SIGNAL AND STREET LIGHTING SCHEDULE NO. 41

Meter Reading Services

All kWh

\$0.000293 Per kWh

Billing and Collection

**Customer Accounting** 

All kWh

\$0.001090 Per kWh

Demand Side Management

All kWh

\$0,000510 Per kWh

Uncollectible Accounts

All kWh

\$0.000110 Per kWh

Customer Information and Lifeline Discount

Ali kWh

\$0,000566 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract.

Where the Customer's utilization equipment is operated on a fixed schedule and can be readily and efficiently inspected by the Company to verify its demand and/or kWh usage, the Company may supply unmetered service under this Rate Schedule upon the basis of the demand and/or kWh usage determined by the Company. The Company reserves the right at any time to meter service previously supplied on an

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support Title:

District: Entire Electric Service Area

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# **DIRECT ACCESS** TRAFFIC SIGNAL AND STREET LIGHTING SCHEDULE NO. 41

unmetered basis. The Customer will be responsible for notifying the Company of any changes being made in the equipment connected to the system. The determined demand and/or kWh usage will be adjusted as equipment is changed.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support Title:

District: Entire Electric Service Area

Tariff No.	43	
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Effective:		

# DIRECT ACCESS MUNICIPAL WATER PUMPING SCHEDULE NO. 43

#### **AVAILABILITY**

Available for service to the City of Tucson Water Utility and private water Companies where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### **APPLICABILITY**

Applicable for service to booster stations and wells used for domestic water supply.

Not applicable to resale, breakdown, standby, or auxiliary service.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as elected by Customer and subject to availability at point of delivery approved by the Company. Primary metering may be used by mutual agreement.

### RATE

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

#### Firm Service:

Generation (see MGC below) Summer Winter	\$0.065048 Per kWh \$0.061796 Per kWh
Transmission Summer	\$0.006988 <i>Per kWh</i>
Winter	\$0.006638 Per kWh
Distribution Distribution Primary Summer Winter	\$0.006958 Per kWh \$0.006610 Per kWh
Distribution Secondary Summer Winter	\$0.002884 Per kWh \$0.002740 Per kWh
Customer Charge-Service Drop Summer Winter	\$0.000154 Per kWh \$0.000146 Per kWh
Meter Services Installation Summer	30.000238 Per kWh

Tucson, Arizona

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Vice President, Rates & Regulatory Support

Entire Electric Service Area District:

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# **DIRECT ACCESS** MUNICIPAL WATER PUMPING SCHEDULE NO. 43

Winter

\$0.000226 Per kWh

Maintenance

Summer

\$0.000048 Per kWh

Winter

\$0.000045 Per kWh

Equipment

Summer Winter

\$0.000190 Per kWh

\$0.000181 Per kWh

Meter Reading Services

Summer

\$0.000044 Per kWh

Winter

\$0.000042 Per kWh

Billing and Collection

**Customer Accounting** 

Summer Winter

\$0,000165 Per kWh

\$0.000157 Per kWh

Demand Side Management

Summer

\$0.000611 Per kWh

Winter

\$0.000581 Per kWh

Uncollectible Accounts

Summer

\$0.000131 Per kWh

Winter

\$0.000125 Per kWh

Customer Information and Lifeline Discount

Summer

\$0.000678 Per kWh

Winter

\$0.000644 Per kWh

#### Interruptible Service:

Generation (see MGC below)

Summer

\$0.033112 Per kWh

Winter

\$0.032281 Per kWh

Transmission

Summer

\$0.007114 Per kWh

Winter

\$0.006935 Per kWh

Distribution

Distribution Primary

Summer

30.007084 Per kWh

Winter

30.006906 Per kWh

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# DIRECT ACCESS MUNICIPAL WATER PUMPING SCHEDULE NO. 43

Distribution Secondary

 Summer
 \$0.002936 Per kWh

 Winter
 \$0.002862 Per kWh

Customer Charge-Service Drop

 Summer
 \$0.000157 Per kWh

 Winter
 \$0.000153 Per kWh

Meter Services

Installation

 Summer
 \$0.000242 Per kWh

 Winter
 \$0.000236 Per kWh

Maintenance

 Summer
 \$0.000048 Per kWh

 Winter
 \$0.000047 Per kWh

Equipment

 Summer
 \$0.000193 Per kWh

 Winter
 \$0.000189 Per kWh

Meter Reading Services

 Summer
 \$0.000045 Per kWh

 Winter
 \$0.000044 Per kWh

Billing and Collection

**Customer Accounting** 

 Summer
 \$0.000168 Per kWh

 Winter
 \$0.000164 Per kWh

Demand Side Management

 Summer
 \$0.000623 Per kWh

 Winter
 \$0.000607 Per kWh

Uncollectible Accounts

 Summer
 \$0.000134 Per kWh

 Winter
 \$0.000130 Per kWh

Customer Information and Lifeline Discount

 Summer
 \$0.000690 Per kWh

 Winter
 \$0.000673 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts. Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

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Vice President, Rates & Regulatory Support

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# **DIRECT ACCESS** MUNICIPAL WATER PUMPING SCHEDULE NO. 43

## Primary Voltage Discount

A discount of 5% will be allowed from the above rates where Customer owns the transformers and service is metered at primary voltage.

## MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

## ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

## TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

## TERMS AND CONDITIONS OF INTERRUPTIBLE SERVICE

- Customer must furnish, install, own, and maintain at each point of delivery all necessary Company approved equipment which will 1. enable the Company to interrupt service with its master control station.
- Service may be interrupted by Company during certain periods of the day not exceeding six hours in any 24-hour period. 2.
- Company will endeavor to give Customer one hour notice of impending interruption; however, service may be interrupted without 3. notice should Company deem such action necessary.
- The interruptible load shall be separately served and metered and shall at no time be connected to facilities serving Customer's 4. firm load. Conversely, the firm load shall be separately served and metered and shall at no time be connected to facilities serving Customer's interruptible load.
- Company shall not be liable for any loss or damage caused by or resulting from any interruption of service. 5.

## **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract.

Tucson, Arizona

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Title:

Vice President. Rates & Regulatory Support

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# **DIRECT ACCESS** PUBLIC STREET LIGHTING SCHEDULE NO. 50

# **AVAILABILITY**

Available for service for lighting public streets, alleys, thoroughfares, public parks, and playgrounds by use of Company's standard facilities where such service is contracted under this rate schedule by the state, a county, city, town, political subdivision, improvement district, or a responsible person or persons for unincorporated communities.

## **APPLICABILITY**

Applicable to street lighting service from dusk to dawn and Company will own, operate, and maintain the street light system including lamps and globe replacements.

## **CHARACTER OF SERVICE**

Multiple or series street lighting system at option of Company and at one standard nominal voltage.

## **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:					
	100 W	250 W	400 W	Pole Addition	100 W Underground
	Overhead	Overhead	Overhead		
Generation (see MGC below)					
per Customer Month	\$4.646431	\$6.977742	<b>\$</b> 10.766122	\$0.000000	\$8.811221
Transmission					
per Customer Month	\$0.572004	\$0.859002	\$1.325374	\$0.000000	\$1.084714
Distribution					
Distribution Primary					
per Customer Month	\$3.589863	\$5.391049	\$8.317976	\$4.010000	\$6.807607
Distribution Secondary			22.2.2.2.		
per Customer Month	\$1.570971	\$2.359193	\$3.640054	\$0.00000	\$2.979097
Customer Charge-Service Dro	00				
per Customer Month	\$0.723542	\$1.086574	\$1.676500	\$0.000000	\$1.372083
Meter Services					
Installation					
per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Maintenance					
per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Equipment					

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# DIRECT ACCESS PUBLIC STREET LIGHTING SCHEDULE NO. 50

per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Meter Reading Services per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Billing and Collection Customer Accounting per Customer Month	\$0.180658	\$0.271302	\$0.418598	\$0.000000	\$0.342589
Demand Side Management per Customer Month	\$0.084579	\$0.127015	\$0.195975	\$0.00000	\$0.160390
Uncollectible Accounts per Customer Month	\$0.018179	\$0.027301	\$0.042123	\$0.000000	\$0.034474
Customer Information and Lifeline Discount per Customer Month	\$0.093773	\$0.140822	\$0.217278	\$0.000000	\$0.177825

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

# ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

## STANDARD LAMP UNITS, OVERHEAD SERVICE

- 1. The standard 100 watt lamp unit for overhead service is a 9,500 lumen high pressure sodium unit, mounted on a four foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 25 feet above ground level.
- 2. The standard 250 watt lamp unit for overhead service is a 27,500 lumen high pressure sodium unit, mounted on an eight foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 27 feet above ground level.
- 3. The standard 400 watt lamp unit for overhead service is a 50,000 lumen high pressure sodium unit, mounted on an eighteen foot mast arm and controlled by a photoelectric ceil. This unit will be mounted on a pole approximately 35 feet above ground level.
- 4. The standard 100 watt lamp unit for underground service is a 9,500 lumen high pressure sodium post top unit mounted on a pole approximately 15 feet above ground level.

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# DIRECT ACCESS PUBLIC STREET LIGHTING SCHEDULE NO. 50

## TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may be in the future assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

## SPECIAL PROVISIONS

- 1. Installation of a light on an existing pole is subject to prior approval of Company.
- 2. Extensions beyond 100 feet and all installations other than those addressed in this rate schedule, will require specific agreements providing adequate revenue or arrangements for construction financing.
- 3. The Customer is not authorized to make connections to this lighting circuit or to make attachments or alterations to the Company owned pole.
- 4. If a Customer requests a relocation of a lighting installation, the costs of such relocation must be borne by the Customer.
- The Customer is expected to notify the Company when lamp outages occur.
- The Company will use diligence in maintaining service; however, monthly bills will not be reduced because of lamp outages.
- 7. After the minimum contract period, if any, has expired, this agreement shall be extended from year to year unless written notice of desire to terminate is given by either party at least thirty (30) days prior to the end of any such annual extension date.

## **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule. Any condition not provided for herein must be the subject of a separate written agreement.

Tucson, Arizona

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Vice President, Rates & Regulatory Support

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# DIRECT ACCESS PRIVATE STREET AND AREA LIGHTING SCHEDULE NO. 51

## **AVAILABILITY**

At any point where the Company in its judgment has facilities of adequate capacity and suitable voltage available.

## **APPLICABILITY**

To any Customer for private street or outdoor area lighting where this service can be supplied from existing facilities of the Company.

Service is from dusk to dawn and the Company will install, own, operate, and maintain the complete lighting installation including lamp replacements.

Not applicable to resale service.

## CHARACTER OF SERVICE

Multiple or series street lighting system at option of Company and at one standard nominal voltage.

## **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

	100 W Overhead	250 W Overhead	400 W Overhead	Pole Addition	100 W Underground
Generation (see MGC below) per Customer Month	\$4.646431	\$6.977742	\$10.766122	\$0.000000	\$8.811221
Transmission per Customer Month	\$0.572004	\$0.859002	\$1.325374	\$0.000000	\$1.084714
Distribution Distribution Primary per Customer Month	\$3.589863	\$5.391049	\$8.317976	\$4.010000	\$6.807607
Distribution Secondary per Customer Month	\$1.570971	\$2.359193	\$3.640054	\$0.000000	\$2.979097
Customer Charge-Service Drop per Customer Month	\$0.723542	\$1.086574	\$1.676500	\$0.000000	\$1.372083
Meter Services Installation per Customer Month	\$0.000000	\$0.000000	\$0.00000	30.000000	\$0.00000
Maintenance per Customer Month	\$0.000000	\$0.000000	\$0.000000	0 30.000000	\$6.000000

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# <u>DIRECT ACCESS</u> PRIVATE STREET AND AREA LIGHTING SCHEDULE NO. 51

Equipment per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Meter Reading Services per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Billing and Collection	•	•			•••••
Customer Accounting per Customer Month	<b>\$</b> 0.1806 <del>5</del> 8	\$0.271302	<b>\$</b> 0.418598	\$0.000000	\$0.342589
Demand Side Management per Customer Month	\$0.084579	<b>\$</b> 0.127015	<b>\$</b> 0.195975	\$0.000000	\$0.160390
Uncollectible Accounts	90.00 1010	<b>40.727010</b>	40.100070	<b>4</b> 0.00000	<b>40.100000</b>
per Customer Month	\$0.018179	\$0.027301	\$0.042123	\$0.000000	\$0.034474
Customer Information and Lifeline Discount per Customer Month	\$0.093773	\$0.140822	\$0.217278	\$0.000000	\$0.177825

Summer billing months are May through October and winter billing months are November through April.

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

## ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

## STANDARD LAMP UNITS

- 1. The standard 100 watt lamp unit for overhead service is a 9,500 lumen high pressure sodium unit, mounted on a four foot mast arm and controlled by a photoelectric cell. The unit will be mounted on a pole approximately 20 feet above ground level.
- 2. The standard 250 watt lamp unit for overhead service is a 27,500 lumen high pressure sodium unit, mounted on an eight foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 27 feet above ground level.
- 3. The standard 400 watt lamp unit for overhead service is a 50,000 lumen high pressure sodium unit, mounted on an eighteen foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 35 feet above ground level.

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# DIRECT ACCESS PRIVATE STREET AND AREA LIGHTING SCHEDULE NO. 51

4. The standard 100 watt lamp unit for underground service is a 9,500 lumen high pressure sodium post top unit mounted on a pole approximately 15 feet above ground level.

## TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may be in the future assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

## SPECIAL PROVISIONS

- 1. Installation of a light on an existing pole is subject to prior approval of Company.
- 2. Extensions beyond 100 feet and all installations other than those addressed in this rate schedule will require specific agreements providing adequate revenue or arrangements for construction financing.
- 3. The Customer is not authorized to make connections to this lighting circuit or to make attachments or alterations to the Company owned pole.
- 4. If a Customer requests a relocation of a lighting installation, the costs of such relocation must be borne by the Customer.
- The Customer is expected to notify the Company when lamp outages occur.
- The Company will use diligence in maintaining service; however, monthly bills will not be reduced because of lamp outages. 6.
- 7. The Customer may cancel a lighting service agreement by payment of the monthly bill, including any applicable tax adjustment, multiplied by the number of remaining months of the initial agreement, or the calculated "up and down" costs for the extension, whichever is lower.

#### CONTRACT PERIOD

All private Street and Area Lighting installations will require a standard Customer agreement for service as follows:

- 1. Three (3) year initial term for installation on existing facilities.
- Four (4) year initial term or longer, at the Company's option, for installations requiring an extension of facilities.

#### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule. Any condition not provided for herein must be the subject of a separate written agreement.

Tucson, Arizona

Filed by: Steven J. Glaser

Title

Title: <u>Vice President, Rates & Regulatory Support</u>

District: Entire Electric Service Area

Tariff No	70	
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# DIRECT ACCESS RESIDENTIAL TIME-OF-USE SCHEDULE NO. 70

#### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Direct access to the meter during normal working hours is also a prerequisite for this rate schedule.

## **APPLICABILITY**

To any Customer entitled to single phase service under Rate No. 01. Service is available to individual private dwellings and individually metered multi-family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off-peak electric water heating may be metered separately.

Not applicable to three phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Service under this schedule will commence when the appropriate meter has been installed.\* Customers must stay on this Rate Schedule for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period under Rate No. 70, may opt to switch service to the Company's non-time-of-use Residential Rate No. 1. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under Rate No. 70 that would not have been paid under Rate No. 1. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

#### CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

## RATES

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
Summer Peak	\$0.156093 Per kWh
Summer Shoulder	\$0.086863 Per kWh
Summer Off-Peak	\$0.027523 Per kWh
Winter Peak	\$0.096753 Per kWh
Winter Off-Peak	\$0.012688 Per kWh
Transmission	\$0.007305 Per kWh
Distribution	
Distribution Primary	\$0.015988 <i>Per kWh</i>
Distribution Secondary	\$0.007091 Per kWh
Customer Charge-Service Drop	\$2.685628 Per Month
Meter Services	
Installation	\$1.360543 Per Month
Maintenance	\$0.272109 Per Month
Equipment	\$1,088434 Per Month
• •	

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Vice President, Rates & Regulatory Support

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# **DIRECT ACCESS** RESIDENTIAL TIME-OF-USE SCHEDULE NO. 70

Meter Reading Services

\$0.513286 Per Month

Billing and Collection

Customer Accounting

\$1.000000 Per Month

Demand Side Management

\$0.000617 Per kWh

Uncollectible Accounts

\$0.000133 Per kWh

Customer Information and Lifeline Discount

\$0.000684 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday fails on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future he assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

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Title:

Vice President, Rates & Regulatory Support

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# **DIRECT ACCESS** RESIDENTIAL TIME-OF-USE SCHEDULE NO. 70

## **RULES AND REGULATIONS**

## Service Connection Charges

- There shall be a \$13.50 charge for the initial establishment of each new service for each Customer. 1.
- There shall be a \$13.50 charge for the re-establishment of each service for each Customer. 2.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Electric space heating and water heating equipment and installation shall conform to the Company's requirements.

\*This Rate Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters will be installed within any specific time. However, the Company will make its best effort to install the special meter within a reasonable time.

Tucson, Arizona

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Title:

Vice President, Rates & Regulatory Support

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# <u>DIRECT ACCESS</u> GENERAL SERVICE TIME-OF-USE SCHEDULE NO. 76

## **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Direct access to the meter during normal working hours is also a prerequisite for this Schedule. Service hereunder shall be limited to either an aggregate customer total of 30 MW or an aggregate customer total of 130,000,000 kWh annually, whichever total is reached first.

## **APPLICABILITY**

To any Customer entitled to service under Price Schedule No. 10. Service under this Schedule will commence when the appropriate meter has been installed.\*

Customers must stay on this Schedule for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period under Price Schedule No. 76, may opt to switch service to the Company's non-time-of-use General Service Price Schedule No. 10. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under Price Schedule No. 76 that would not have been paid under Price Schedule No. 10. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

Not applicable to resale, breakdown, standby, or auxiliary service.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

#### Single Phase Service

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) Summer Peak Summer Shoulder Summer Off-Peak	\$0.195612 Per kWh \$0.111547 Per kWh \$0.037372 Per kWh
Winter Peak Winter Off-Peak	\$0.121437 Per kWh \$0.022537 Per kWh
Transmission	\$0.007382 Per kWh
Distribution Distribution Primary Distribution Secondary  Customer Charge-Service Drop	\$0.016301 Per kWh \$0.006724 Per kWh \$2.685628 Per Month
Meter Services Installation	31.360543 Per Month

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice Pr

Vice President, Rates & Regulatory Support

District: Entire E

Entire Electric Service Area

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# DIRECT ACCESS GENERAL SERVICE TIME-OF-USE SCHEDULE NO. 76

Maintenance

\$0.272109 Per Month

Equipment

\$1,088434 Per Month

Meter Reading Services

\$0.513286 Per Month

Billing and Collection

**Customer Accounting** 

\$1.000000 Per Month

Demand Side Management

\$0.000625 Per kWh

Uncollectible Accounts

\$0.000134 Per kWh

Customer Information and Lifeline Discount

\$0.000693 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

## Three Phase Service

Same as Single Phase Service, except three phase service is subject to the following additional charges:

There is a 3 phase differential of:

\$7,500000

Its components are:

Customer Charge-Service Drop

\$1.000000

Meter Services

Installation

\$0.812500

Maintenance

\$0.812500

Equipment

\$4.875000

Subtotal

\$6.500000

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder price in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer Cn-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

# ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

1. When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

Tucson, Arizona

Filed by: Steven J. Glaser

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS GENERAL SERVICE TIME-OF-USE SCHEDULE NO. 76

- 2. When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.
- 3. When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

## MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

# ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

## TAX CLAUSE

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

## **RULES AND REGULATIONS**

#### Service Connection Charges

- 1. There shall be a \$13.50 charge for the initial establishment of each new service for each Customer.
- 2. There shall be a \$13.50 charge for the re-establishment of each service for each Customer.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

The Company may require a written contract and a minimum term of contract.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but the Company does not guarantee that Customers will be served under the most favorable price schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service. Company will assist in determining if a change in price schedule is desirable, but not more than one such change in price schedule will be made within any twelve month period.

\*This Schedule requires a type of meter not normally used; therefore, the Company makes no guarantee that the meters will be installed within any specific time. However, the Company will make its best effort to install the special meter within a reasonable time.

Tucson, Arizona

Filed by: Steven J. Glaser

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85A

#### AVAILABILITY

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Service under this Schedule shall be limited to a total of 30 MW.

## **APPLICABILITY**

To all general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. Customer shall contract for a demand of not less than 200 kW. Service under this Schedule shall commence when the appropriate meter has been installed.\*

Not applicable to resale, breakdown, standby, or auxiliary service.

## CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering shall be required for new installations with service requirements in excess of 2,500 kW.

## RATES

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
kW on peak summer	\$5.702605 Per kW
Excess kW shoulder summer	\$3.766995 Per Excess kW
Excess kW off peak summer	\$2.851302 Per Excess kW
kW on peak winter	\$3.766995 Per kW
Excess kW off peak winter	\$1.883497 Per Excess kW
Summer kWh - Peak	\$0.052857 Per kWh
Summer kWh - Off Peak	\$0.046901 Per kWh
Summer kWh - Shoulder	\$0.049879 Per kWh
Winter kWh - Peak	\$0.049879 Per kWh
Winter kWh - Off Peak	\$0.043923 Per kWh

Transmission kW on peak summer Excess kW shoulder summer Excess kW off peak summer kW on peak winter Excess kW off peak winter	\$0.642720 Per kW \$0.424564 Per Excess kW \$0.321360 Per Excess kW \$0.424564 Per kW \$0.212282 Per Excess kW
Summer kWh - Peak Summer kWh - Off Peak Summer kWh - Shoulder Winter kWh - Peak Winter kWh - Off Peak	\$0.005957 Per kWh \$0.005286 Per kWh \$0.005622 Per kWh \$0.005622 Fer kWh \$0.004950 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# <u>DIRECT ACCESS</u> > TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85A

Distribution

Distribution Primary \$0.841268 Per kW kW on peak summer \$0.555720 Per Excess kW Excess kW shoulder summer \$0.420634 Per Excess kW Excess kW off peak summer \$0.555720 Per kW kW on peak winter \$0.277860 Per Excess kW Excess kW off peak winter \$0.007798 Per kWh Summer kWh - Peak \$0.006919 Per kWh Summer kWh - Off Peak \$0.007358 Per kWh Summer kWh - Shoulder

Winter kWh - Peak \$0.007358 Per kWh
Winter kWh - Off Peak \$0.006480 Per kWh

Distribution Secondary

\$0.347037 Per kW kW on peak summer \$0.229244 Per Excess kW Excess kW shoulder summer \$0.173519 Per Excess kW - Excess kW off peak summer \$0.229244 Per kW kW on peak winter \$0.114622 Per Excess kW Excess kW off peak winter \$0.003217 Per kWh Summer kWh - Peak \$0.002854 Per kWh Summer kWh - Off Peak \$0.003035 Per kWh Summer kWh - Shoulder Winter kWh - Peak \$0.003035 Per kWh \$0.002673 Per kWh Winter kWh - Off Peak

Customer Charge-Service Drop \$82.000000 Per Month

Meter Services

Installation \$1.500000 Per Month
Maintenance \$1.500000 Per Month
Equipment \$9.000000 Per Month

Meter Reading Services \$1,000000 Per Month

Billing and Collection

Customer Accounting \$5.000000 Per Month

Demand Side Management

 kW on peak summer
 \$0.054385 Per kW

 Excess kW shoulder summer
 \$0.035925 Per Excess kW

 Excess kW off peak summer
 \$0.027192 Per Excess kW

 kW on peak winter
 \$0.035925 Per kW

 Excess kW off peak winter
 \$0.017963 Per Excess kW

 Summer kWh - Peak
 \$0.000504 Per kWh

Tucson, Arizona

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Vice President. Rates & Regulatory Support

District: Entire Electric Service Area

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# <u>DIRECT ACCESS</u> TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85A

Summer kWh - Off Peak	\$0.000447 Per kWh
Summer kWh - Shoulder	\$0.000476 Per kWh
Winter kWh - Peak	\$0.000476 Per kWh
Winter kWh - Off Peak	\$0.000419 Per kWh

Uncollectible Accounts

kW on peak summer	\$0.011689 Per kW
Excess kW shoulder summer	\$0.007722 Per Excess kW
Excess kW off peak summer	\$0.005845 Per Excess kW
kW on peak winter	\$0.007722 Per kW
Excess kW off peak winter	\$0.003861 Per Excess kW
Summer kWh - Peak	\$0.000108 Per kWh
Summer kWh - Off Peak	\$0.000096 Per kWh
Summer kWh - Shoulder	\$0.000102 Per kWh
Winter kWh - Peak	\$0.000102 Per kWh
Winter kWh - Off Peak	\$0.000090 Per kWh

· Customer Information and Lifeline Discount

kW on peak summer	\$0.060296 Per kW
Excess kW shoulder summer	\$0.039830 Per Excess kW
Excess kW off peak summer	\$0.030148 Per Excess kW
kW on peak winter	\$0.039830 Per kW
Excess kW off peak winter	\$0.019915 Per Excess kW
Summer kWh - Peak	\$0.000559 Per kWh
Summer kWh - Off Peak	\$0.000496 Per kWh
Summer kWh - Shoulder	\$0.000527 Per kWh
Winter kWh - Peak	\$0.000527 Per kWh
Winter kWh - Off Peak	\$0.000464 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

Excess off-peak demand is defined as:

- 1. that positive amount by which off-peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand), or:
- 2. that positive amount by which off-peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off-peak period demand exceeds 150% of the on-peak period demand), or;
- 3. zero when the above conditions in I are not met and the above conditions in II are not met.

Tucson, Arizona

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# <u>DIRECT ACCESS</u> TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85A

In the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

## **BILLING DEMAND**

The maximum 60-minute measured demand in the month, but not less than 50% of the maximum on-peak demand used for billing purposes in the preceding 11 months, nor less than 50% of the contract demand, nor less than 200 kW.

## ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- 1. When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.
- 2. When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.
- 3. When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

# ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

## TAX CLAUSE

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or

Tucson, Arizona

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District: Entire Electric Service Area

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# **DIRECT ACCESS** TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85A

the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

## **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

The Company shall require a written contract and a minimum term of contract.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, the Company shall assist in determining if a change in schedule is desirable, but not more than one such change shall be made within any twelve month period.

\*This Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters shall be installed within any specific time. However, the Company shall make its best effort to install the special meter within a reasonable time.

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District: Entire Electric Service Area

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# DIRECT ACCESS TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85 (FROZEN)

## AVAILABIL!TY

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Service under this Schedule shall be limited to a total of 30 MW.

## **APPLICABILITY**

To all general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. Customer shall contract for a demand of not less than 200 kW. Service under this Schedule shall commence when the appropriate meter has been installed.\*

Not applicable to resale, breakdown, standby, or auxiliary service.

## CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering shall be required for new installations with service requirements in excess of 2,500 kW.

## **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) \$5,702605 Per kW kW on peak summer Excess kW shoulder summer \$3.766995 Per Excess kW \$2.851302 Per Excess kW Excess kW off peak summer \$3,766995 Per kW kW on peak winter \$1.883497 Per Excess kW Excess kW off peak winter \$0.052857 Per kWh Summer kWh - Peak \$0.046901 Per kWh Summer kWh - Off Peak \$0.049879 Per kWh Summer kWh - Shoulder \$0.049879 Per kWh Winter kWh - Peak Winter kWh - Off Peak \$0.043923 Per kWh

Transmission \$0.642720 Per kW kW on peak summer \$0.424564 Per Excess kW Excess kW shoulder summer \$0.321360 Per Excess kW Excess kW off peak summer \$0,424564 Per kW kW on peak winter \$0.212282 Per Excess kW Excess kW off peak winter \$0.005957 Per kWh Summer kWh - Peak \$0.005286 Per kWh Summer kWh - Off Peak \$0.005622 Per kWh Summer kWh - Shoulder \$0.005622 Per kWh Winter kWh - Peak 30.004950 Per kWh Winter kWh - Off Peak

Distribution

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Winter kWh - Off Peak

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\$0.006480 Per kWh

# DIRECT ACCESS TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85 (FROZEN)

Distribution Primary	
kW on peak summer	\$0.841268 Fer kW
Excess kW shoulder summer	<b>\$</b> 0.555720 Per Excess kW
Excess kW off peak summer	\$0.420634 Per Excess kW
kW on peak winter	\$0.555720 Per kW
Excess kW off peak winter	\$0.277860 Per Excess kW
Summer kWh - Peak	\$0.007798 Per kWh
Summer kWh - Off Peak	\$0.006919 Per kWh
Summer kWh - Shoulder	\$0.007358 Per kWh
Winter kWh - Peak	\$0.007358 Per kWh

Distribution Secondary \$0.347037 Per kW kW on peak summer \$0.229244 Per Excess kW Excess kW shoulder summer \$0.173519 Per Excess kW Excess kW off peak summer \$0,229244 Per kW kW on peak winter \$0.114622 Per Excess kW Excess kW off peak winter \$0.003217 Per kWh Summer kWh - Peak Summer kWh - Off Peak \$0.002854 Per kWh \$0.003035 Per kWh Summer kWh - Shoulder \$0.003035 Per kWh Winter kWh - Peak Winter kWh - Off Peak \$0.002673 Per kWh

Customer Charge-Service Drop \$82.000000 Per Month

 Meter Services
 \$1.50000 Per Month

 Installation
 \$1.500000 Per Month

 Maintenance
 \$1.500000 Per Month

 Equipment
 \$9.000000 Per Month

Meter Reading Services \$1.000000 Per Month

Billing and Coilection

Customer Accounting \$5.000000 Per Month

 Demand Side Management
 \$0.054385 Per kW

 kW on peak summer
 \$0.035925 Per Excess kW

 Excess kW shoulder summer
 \$0.027192 Per Excess kW

 Excess kW off peak summer
 \$0.035925 Per kW

 kW on peak winter
 \$0.035925 Per kW

 Excess kW off peak winter
 \$0.017963 Per Excess kW

 Summer kWh - Peak
 \$0.000504 Per kWh

 Summer kWh - Off Peak
 \$0.000447 Per kWh

Tucson, Arizona

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Title:

District: Entire Electric Service Area

Vice President, Rates & Regulatory Support

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# **DIRECT ACCESS** TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85 (FROZEN)

\$0.000476 Per kWh Summer kWh - Shoulder Winter kWh - Peak \$0,000476 Per kWh \$0.000419 Per kWh Winter kWh - Off Peak

Uncollectible Accounts \$0.011689 Per kW kW on peak summer \$0.007722 Per Excess kW Excess kW shoulder summer \$0.005845 Per Excess kW Excess kW off peak summer \$0.007722 Per kW kW on peak winter \$0,003861 Per Excess kW Excess kW off peak winter \$0,000108 Per kWh Summer kWh - Peak \$0,000096 Per kWh Summer kWh - Off Peak \$0,000102 Per kWh Summer kWh - Shoulder \$0,000102 Per kWh Winter kWh - Peak

\$0,000090 Per kWh Winter kWh - Off Peak

Customer Information and Lifeline Discount

\$0.060296 Per kW kW on peak summer \$0.039830 Per Excess kW Excess kW shoulder summer \$0.030148 Per Excess kW Excess kW off peak summer \$0.039830 Per kW kW on peak winter \$0.019915 Per Excess kW Excess kW off peak winter Summer kWh - Peak \$0,000559 Per kWh \$0.000496 Per kWh Summer kWh - Off Peak \$0.000527 Per kWh Summer kWh - Shoulder \$0.000527 Per kWh Winter kWh - Peak \$0.000464 Per kWh Winter kWh - Off Peak

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

Excess off-peak demand is defined as:

- 1. that positive amount by which off-peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand), or:
- 2. that positive amount by which off-peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off-peak period demand exceeds 150% of the on-peak period demand), or:
- 3. zero when the above conditions in I are not met and the above conditions in II are not met.

in the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Tucson, Arizona

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: Vice President, Rates & Regulatory Support

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# <u>DIRECT ACCESS</u> TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85 (FROZEN)

Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

## **BILLING DEMAND**

The maximum 60-minute measured demand in the month, but not less than 50% of the maximum on-peak demand used for billing purposes in the preceding 11 months, nor less than 50% of the contract demand, nor less than 200 kW.

### ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- 1. When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.
- 2. When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.
- 3. When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

## MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

## ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

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District: Entire Electric Service Area

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# DIRECT ACCESS TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85 (FROZEN)

## **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

The Company shall require a written contract and a minimum term of contract.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, the Company shall assist in determining if a change in schedule is desirable, but not more than one such change shall be made within any twelve month period.

\*This Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters shall be installed within any specific time. However, the Company shall make its best effort to install the special meter within a reasonable time.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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Effective:		

# **DIRECT ACCESS** TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90A

## **AVAILABILITY**

Price Schedule No. 90 shall be available for any Customer within the service territory of the Company if the Company has facilities of adequate capacity and a written contract, covering such matters as the Company and Customer shall deem appropriate. Service under this Schedule shall commence when the appropriate meter has been installed.\*

## CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, and shall be supplied directly from any 46,000 volt, or higher voltage, system through distribution facilities used exclusively to serve Price Schedule No. 90 customers at a delivery voltage of not less than 2400/4160 volts and delivered at a single point of delivery unless otherwise specified in the contract.

## RATES ·

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
kW on peak summer	\$9.955147 Per kW
Excess kW shoulder summer	\$6.568436 Per Excess kW
Excess kW off peak summer	\$4.901818 Per Excess kW
kW on peak winter	\$8.172667 Per kW
Excess kW off peak winter	\$4.010578 Per Excess kW
Summer kWh - Peak	\$0.053474 Per kWh
Summer kWh - Off Peak	\$0.037878 Per kWh
Summer kWh - Shoulder	\$0.044562 Per kWh
Winter kWh - Peak	\$0.053474 Per kWh
Winter kWh - Off Peak	\$0.037878 Per kWh

Transmission	
kW on peak summer	\$0.993062 Per kW
Excess kW shoulder summer	\$0.655226 Per Excess kW
Excess kW off peak summer	\$0.488974 Per Excess kW
kW on peak winter	\$0.815253 Per kW
Excess kW off peak winter	\$0.400070 Per Excess kW
Summer kWh - Peak	\$0.005334 Per kWh
Summer kWh - Off Peak	\$0.003778 Per kWh
Summer kWh - Shoulder	\$0.004445 Per kWh
Winter kWh - Peak	\$0.005334 Per kWh
Winter kWh - Off Peak	\$0.003778 Per kWh

# Distribution

Distribution Primary	
kW on peak summer	\$0.000000 Per kW
Excess kW shoulder summer	\$0.000000 Per Excess kW
Excess kW off peak summer	\$0.000000 Per Excess kW
kW on peak winter	\$0.00000 Per kW
Excess kW off neak winter	\$0.00000 Per Excess kW

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President. Rates & Regulatory Support

District: Entire Electric Service Area

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# **DIRECT ACCESS** TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90A

Summer kWh - Peak	\$0.000000 Per kWh
Summer kWh - Off Peak	\$0.000000 Per kWh
Summer kWh - Shoulder	\$0.000000 Per kWh
Winter kWh - Peak	\$0.000000 Per kWh
Winter kWh - Off Peak	\$0.000000 Per kWh

Distribution Secondary \$0.000000 Per kW kW on peak summer \$0.000000 Per Excess kW Excess kW shoulder summer \$0.000000 Per Excess kW Excess kW off peak summer \$0.000000 Per kW kW on peak winter \$0.000000 Per Excess kW Excess kW off peak winter \$0,000000 Per kWh Summer kWh - Peak \$0.000000 Per kWh Summer kWh - Off Peak \$0.000000 Per kWh Summer kWh - Shoulder \$0.000000 Per kWh Winter kWh - Peak \$0.000000 Per kWh

\$0.000000 Per Month Customer Charge-Service Drop

Meter Services

Winter kWh - Off Peak

\$2.000000 Per Month Installation \$2.000000 Per Month Maintenance \$16,000000 Per Month Equipment

\$1.000000 Per Month Meter Reading Services

Billing and Collection

Winter kWh - Off Peak

\$35.000000 Per Month **Customer Accounting** 

Demand Side Management \$0.095450 Per kW kW on peak summer \$0.062978 Per Excess kW Excess kW shoulder summer \$0.046999 Per Excess kW Excess kW off peak summer \$0.078359 Per kW kW on peak winter \$0.038453 Per Excess kW Excess kW off peak winter \$0.000513 Per kWh Summer kWh - Peak \$0.000363 Per kWh Summer kWh - Off Peak \$0,000427 Per kWh Summer kWh - Shoulder \$0.000513 Per kWh Winter kWh - Peak

Uncollectible Accounts \$0.020516 Per kW kW on peak summer \$0.013537 Per Excess kW Excess kW shoulder summer \$0.010102 Per Excess kW Excess kW off peak summer \$0.016843 Per kW kW on peak winter

\$0.000363 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90A

Excess kW off peak winter Summer kWh - Peak Summer kWh - Off Peak Summer kWh - Shoulder Winter kWh - Peak	\$0.008265 Per Excess kW \$0.000110 Per kWh \$0.000078 Per kWh \$0.000092 Per kWh \$0.000110 Per kWh
Winter kWh - Off Peak	\$0.000078 Per kWh
Customer Information and Lifeline Discount	
kW on peak summer	\$0.105825 Per kW
Excess kW shoulder summer	\$0.069824 Per Excess kW
Excess kW off peak summer	\$0.052107 Per Excess kW
·	

\$0.086877 Per kW kW on peak winter \$0.042633 Per Excess kW Excess kW off peak winter Summer kWh - Peak \$0,000568 Per kWh Summer kWh - Off Peak \$0.000403 Per kWh Summer kWh - Shoulder \$0.000474 Per kWh Winter kWh - Peak \$0.000568 Per kWh

\$0.000403 Per kWh · Winter kWh - Off Peak

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

Excess off-peak demand is defined as:

- 1. that positive amount by which off-peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand).
- 2. that positive amount by which off-peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off-peak period demand exceeds 150% of the on-peak period demand), or:
- 3. zero when the above conditions in I are not met and the above conditions in II are not met.

In the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday fails

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# <u>DIRECT ACCESS</u> TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90A

on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

## **BILLING DEMAND**

The billing demand shall be specified in the contract, but shall not be less than 3,000 kW. Additionally, the On-Peak billing demand shall not be less than 66.67% of the maximum On-Peak billing demand in the preceding eleven (11) months, unless otherwise specified in the contract.

## POWER FACTOR ADJUSTMENT

Prices are subject to a discount or a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is above or below 90% lagging to a maximum discount of 13.0¢ per kW of billing demand per month.

## MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

## TAX CLAUSE

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

The Company shall require a written contract and a minimum term of contract.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, the Company shall assist in determining if a change in schedule is desirable, but not more than one such change shall be made within any twelve month period.

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# <u>DIRECT ACCESS</u> TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90A

\*This Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters shall be installed within any specific time. However, the Company shall make its best effort to install the special meter within a reasonable time.

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# DIRECT ACCESS TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90 (FROZEN)

## **AVAILABILITY**

Price Schedule No. 90 shall be available for any Customer within the service territory of the Company if the Company has facilities of adequate capacity and a written contract, covering such matters as the Company and Customer shall deem appropriate. Service under this Schedule shall commence when the appropriate meter has been installed.\*

## CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, and shall be supplied directly from any 46,000 volt, or higher voltage, system through distribution facilities used exclusively to serve Price Schedule No. 90 customers at a delivery voltage of not less than 2400/4160 volts and delivered at a single point of delivery unless otherwise specified in the contract.

## RATES .

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
kW on peak summer	\$9.955147 Per kW
Excess kW shoulder summer	\$6.568436 Per Excess kW
Excess kW off peak summer	\$4.901818 Per Excess kW
kW on peak winter	\$8.172667 Per kW
Excess kW off peak winter	\$4.010578 Per Excess kW
Summer kWh - Peak	\$0.053474 Per kWh
Summer kWh - Off Peak	\$0.037878 Per kWh
Summer kWh - Shoulder	\$0.044562 Per kWh
Winter kWh - Peak	\$0.053474 Per kWh
Winter kWh - Off Peak	\$0.037878 Per kWh

Transmission	
kW on peak summer	\$0.993062 Per kW
Excess kW shoulder summer	\$0.655226 Per Excess kW
Excess kW off peak summer	\$0.488974 Per Excess kW
kW on peak winter	\$0.815253 Per kW
Excess kW off peak winter	\$0.400070 Per Excess kW
Summer kWh - Peak	\$0.005334 Per kWh
Summer kWh - Off Peak	\$0.003778 Per kWh
Summer kWh - Shoulder	\$0.004445 Per kWh
Winter kWh - Peak	\$0.005334 Per kWh
Winter kWh - Off Peak	\$0.003778 Per kWh

#### Distribution

Distribution Primary	
kW on peak summer	\$0.000000 Per kW
Excess kW shoulder summer	\$0.000000 Per Excess kW
Excess kW off peak summer	\$0.00000 Per Excess kW
kW on peak winter	\$0.00000 Fer kW
Excess kW off peak winter	\$0.000000 Per Excess kW
Summer kWh - Peak	\$0.000000 Fer kWh

Tucson, Arizona

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90 (FROZEN)

 Summer kWh - Off Peak
 \$0.000000 Per kWh

 Summer kWh - Shoulder
 \$0.000000 Per kWh

 Winter kWh - Peak
 \$0.000000 Per kWh

 Winter kWh - Off Peak
 \$0.000000 Per kWh

Distribution Secondary

\$0,000000 Per kW kW on peak summer \$0.000000 Per Excess kW Excess kW shoulder summer \$0.000000 Per Excess kW Excess kW off peak summer \$0,000000 Per kW kW on peak winter \$0.000000 Per Excess kW Excess kW off peak winter \$0.000000 Per kWh Summer kWh - Peak \$0,000000 Per kWh Summer kWh - Off Peak \$0.000000 Per kWh Summer kWh - Shoulder \$0.000000 Per kWh Winter kWh - Peak \$0,000000 Per kWh Winter kWh - Off Peak

Customer Charge-Service Drop

\$0.000000 Per Month

Meter Services

 Installation
 \$2.000000 Per Month

 Maintenance
 \$2.000000 Per Month

 Equipment
 \$16.000000 Per Month

Meter Reading Services

\$1.000000 Per Month

Billing and Collection

Customer Accounting

\$35.000000 Per Month

Demand Side Management

\$0.095450 Per kW kW on peak summer \$0.062978 Per Excess kW Excess kW shoulder summer \$0.046999 Per Excess kW Excess kW off peak summer \$0.078359 Per kW kW on peak winter \$0.038453 Per Excess kW Excess kW off peak winter \$0.000513 Per kWh Summer kWh - Peak \$0.000363 Per kWh Summer kWh - Off Peak \$0,000427 Per kWh Summer kWh - Shoulder \$0,000513 Per kWh Winter kWh - Peak \$0.000363 Per kWh Winter kWh - Off Peak

Uncollectible Accounts

kW on peak summer

Excess kW shoulder summer

Excess kW off peak summer

kW on peak winter

\$0.020516 Per kW

\$0.013537 Per Excess kW

\$0.010102 Per Excess kW

\$0.016843 Per kW

Excess kW off peak winter

\$0.008265 Per Excess kW

Tucson, Arizona

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No. Sheet No. 3 of 5 Revision No. Effective:

# **DIRECT ACCESS** TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90 (FROZEN)

Summer kWh - Peak	\$0.000110 Per kWh
Summer kWh - Off Peak	\$0.000078 Per kWh
Summer kWh - Shoulder	\$0.000092 Per kWh
Winter kWh - Peak	\$0.000110 Per kWh
Winter kWh - Off Peak	\$0.000078 Per kWh

Customer Information and Lifeline Discount kW on peak summer \$0.105825 Per kW Excess kW shoulder summer \$0.069824 Per Excess kW Excess kW off peak summer \* \$0.052107 Per Excess kW kW on peak winter \$0.086877 Per kW Excess kW off peak winter \$0.042633 Per Excess kW \$0.000568 Per kWh Summer kWh - Peak Summer kWh - Off Peak \$0.000403 Per kWh Summer kWh - Shoulder \$0.000474 Per kWh Winter kWh - Peak \$0,000568 Per kWh \$0.000403 Per kWh Winter kWh - Off Peak

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

Excess off-peak demand is defined as:

- that positive amount by which off-peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand).
- 2. that positive amount by which off-peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off-peak period demand exceeds 150% of the on-peak period demand), or,
- 3. zero when the above conditions in I are not met and the above conditions in II are not met.

In the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Cff-Peak. If a holiday fails

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# <u>DIRECT ACCESS</u> TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90 (FROZEN)

on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

## **BILLING DEMAND**

The billing demand shall be specified in the contract, but shall not be less than 3,000 kW. Additionally, the On-Peak billing demand shall not be less than 66.67% of the maximum On-Peak billing demand in the preceding eleven (11) months, unless otherwise specified in the contract.

## **POWER FACTOR ADJUSTMENT**

Prices are subject to a discount or a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is above or below 90% lagging to a maximum discount of 13.0¢ per kW of billing demand per month.

## MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

## TAX CLAUSE

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

The Company shall require a written contract and a minimum term of contract.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, the Company shall assist in determining if a change in schedule is desirable, but not more than one such change shall be made within any twelve month period.

Tucson, Arizona

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Vice President. Rates & Regulatory Support

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# DIRECT ACCESS TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90 (FROZEN)

\*This Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters shall be installed within any specific time. However, the Company shall make its best effort to install the special meter within a reasonable time.

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# **DIRECT ACCESS** SPECIAL RESIDENTIAL SCHEDULE NO. 201

## **AVAILABILITY**

In all territory served by Company at ail points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served. Direct access to the meter during normal working hours is also a prerequisite for Options B & C of this Schedule.

#### **APPLICABILITY**

To single phase or three phase (Option A only) (subject to availability at point of delivery) residential electric service in individual private dwellings when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this Schedule requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Good Cents program as in effect at the time of subscription to this Schedule. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this Schedule. Three different Options are available under this Schedule: A, B, & C. Subscription eligibility requirements are as follows:

Option A:

Customer must meet conditions outlined above.

Option B:

Customer must meet conditions required for option A and must purchase under the time-of-use structure applicable to

Option B. Applicable only to single phase service.

Option C:

Customer must meet above conditions required for option A, must use either (i.) solar equipment for water heating

requirements during the year or (ii.) an electric heat pump water heater, or both (i.) and (ii.), and must purchase under the

time-of-use structure applicable to Option C. Applicable only to single phase service.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Service under Option B or Option C of this Schedule will commence when the appropriate meter has been installed.\* Customers must stay on Option B or Option C of this Schedule for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period under Option B or Option C of this Schedule, may opt to switch service to the non-time-of-use Option A of this Schedule. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under Rate No. 201, Option B or Option C that would not have been paid under Rate No. 1. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

## CHARACTER OF SERVICE

Option A:

Single or three phase, 60 Hertz, nominal 120/240 volts.

Option B:

Single phase only, 60 Hertz, nominal 120/240 volts.

Option C:

Single phase only, 60 Hertz, nominal 120/240 volts.

#### RATES - OPTION A

#### Single-Phase Service

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) kWh consumed 6/1-8/31

\$0.060950 Per kWh

kWh consumed 5/1-5/30 & 9/1-10/31

\$0.043881 Per kWh

kWh consumed 11/1-4/30

\$0.033931 Per kWh

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District: Entire Electric Service Area

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# **DIRECT ACCESS** SPECIAL RESIDENTIAL SCHEDULE NO. 201

Transmission.

\$0.007305 Per kWh

Distribution

Distribution Primary

\$0.015988 Per kWh

Distribution Secondary

\$0.007091 Per kWh

Subtotal

Customer Charge-Service Drop

\$2.685628 Per Month

Meter Services

Installation

\$0,400543 Per Month

Maintenance

\$0.080109 Per Month

Equipment Subtotal

\$0.320434 Per Month \$0.801086 Per Month

\$0.513286 Per Month

Meter Reading Services

Billing and Collection Customer Accounting

\$1.000000 Per Month

Demand Side Management

\$0.000617 Per kWh

Uncollectible Accounts

\$0.000133 Per kWh

Customer Information and Lifeline Discount

\$0.000684 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

## Three Phase Service

Same as single-phase service, except three-phase service is subject to the following additional charges:

There is a 3 phase differential of:

\$7.500000 Per Month

Its components are:

Customer Charge-Service Drop

\$1,000000 Per Month

Meter Services

Installation

\$0.812500 Per Month

Maintenance

\$0.812500 Per Month

Equipment

\$4.875000 Per Month

\$6,500000 Per Month

Subtotal

Tucson, Arizona

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Vice President, Rates & Regulatory Support

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# **DIRECT ACCESS** SPECIAL RESIDENTIAL SCHEDULE NO. 201

## **RATES - OPTION B**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
kWh consumed 6/1-8/31 - Peak	\$0.156093 Per kWh
kWh consumed 6/1-8/31 - Off Peak	\$0.027523 Per kWh
kWh consumed 6/1-8/31 - Shoulder	\$0.086863 Fer kWh
kWh consumed 5/1-5/30 & 9/1-10/31 - Peak	\$0.117572 Per kWh
kWh consumed 5/1-5/30 & 9/1-10/31 - Off - Peak	\$0.015359 Per kWh
kWh consumed 5/1-5/30 & 9/1-10/31 - Shoulder	\$0.062534 Per kWh
kWh consumed 11/1-4/30 - Peak	\$0.070397 Per kWh
kWh consumed 11/1-4/30 - Off Peak	\$0.003560 Per kWh
Transmission	<b>\$</b> 0.007305 <i>Per kWh</i>
Distribution	
Distribution Primary	\$0.015988 Per kWh
Distribution Secondary	\$0.007091 Per kWh
Subtotal	
Customer Charge-Service Drop	\$2.685628 Per Month
Meter Services	
Installation	\$1.360543 Per Month
Maintenance	\$0.272109 Per Month
Equipment	\$1.088434 Per Month
Subtotal	\$2.721086 Per Month
Meter Reading Services	\$0.513286 Per Month
Billing and Collection	
Customer Accounting	\$1.000000 Per Month
Demand Side Management	\$0.000617 Per kWh
Uncollectible Accounts	\$0.000133 Per kWh
Customer Information and Lifeline Discount	\$0.000684 Per kWh

Demand-Side Management, Uncollectible Accounts. Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the shoulder summer shoulder price in following billing months.

Tucson, Arizona

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Vice President, Rates & Regulatory Support

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Effective:		

# DIRECT ACCESS SPECIAL RESIDENTIAL SCHEDULE NO. 201

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday fails on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

#### RATES - OPTION C ·

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
kWh consumed 6/1-8/31 - Peak	\$0.156093 Per kWh
kWh consumed 6/1-8/31 - Off Peak	\$0.027523 Per kWh
kWh consumed 6/1-8/31 - Shoulder	\$0.086863 Per kWh
kWh consumed 5/1-5/30 & 9/1-10/31 - Peak	\$0.117572 Per kWh
kWh consumed 5/1-5/30 & 9/1-10/31 - Off - Peak	\$0.015359 Per kWh
kWh consumed 5/1-5/30 & 9/1-10/31 - Shoulder	\$0.062534 Per kWh
kWh consumed 11/1-4/30 - Peak	\$0.070397 Per kWh
kWh consumed 11/1-4/30 - Off Peak	\$0.003560 Per kWh
Transmission	\$0.007305 Per kWh
Distribution	
Distribution Primary	\$0.015988 Per kWh
Distribution Secondary	\$0.007091 Per kWh
Subtotal	
Customer Charge-Service Drop	\$2.685628 Per Month
Meter Services	
Installation	\$1.360543 Per Month
Maintenance	\$0.272109 Per Month
Equipment	\$1.088434 Per Month
Subtotal	\$2.721086 Per Month
Meter Reading Services	\$0.513286 Per Month
Billing and Collection	
Customer Accounting	\$1.000000 Per Month
Demand Side Management	\$0.000617 Per kWh
Uncollectible Accounts	\$0.000133 Per kWh
Customer Information and Lifeline Discount	\$0.000684 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No. 5 of 6 Sheet No. Revision No. \_ Effective:

# **DIRECT ACCESS** SPECIAL RESIDENTIAL SCHEDULE NO. 201

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the shoulder summer shoulder price in following billing months.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day. Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

#### MARKET GENERATION COMPONENT (MGC) - Applies to all Options

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

The MGC shall be deducted from the above generation charge for Direct Access customers.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE - Applies to all Options

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### RULES AND REGULATIONS - Applies to all Options

#### Service Connection Charges

- There shall be a \$13.50 charge for the initial establishment of each new service for each Customer. 1.
- There shall be a \$13.50 charge for the re-establishment of each service for each Customer. 2.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable schedule. Upon written notification of any material changes in

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# DIRECT ACCESS SPECIAL RESIDENTIAL SCHEDULE NO. 201

Customer's installation, load conditions, or use of service, the Company shall assist in determining if a change in schedule is desirable, but not more than one such change shall be made within any twelve month period.

Electric space heating and water heating equipment and installation shall conform to the Company's requirements.

\* Options B and C or this Rate Schedule require a type of meter that is not normally used; therefore, the Company makes no guarantee that meters will be installed within any specific time. However, the Company will make its best effort to install the special meter within a reasonable time.

# STANDARD OFFER TARIFFS

Tucson, Arizona

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Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER RESIDENTIAL SCHEDULE NO. 1

#### **AVAILABILITY**

In all territory served by Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served.

#### **APPLICABILITY**

To all single phase or three phase (subject to availability at point of delivery) residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter; however, electric water heating may be metered separately.

Not applicable to resale, breakdown, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, nominal 120/240 voits.

#### **RATES**

#### Single-Phase Service

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) Summer	\$0.060950 Per kWh
Winter	\$0.048757 Per kWh
Transmission	\$0.007305 Per kWh
Distribution	
Distribution Primary	\$0.015988 Per kWh
Distribution Secondary	\$0.007091 Per kWh
Customer Charge-Service Drop	\$2.685628 Per Month
Meter Services	
Instailation	\$0.400543 Per Month
Maintenance	\$0.080109 Per Month
Equipment	\$0.320434 Per Month
Meter Reading Services	\$0.513286 Per Month
Billing and Collection	
Customer Accounting	\$1.000000 Per Month
Demand Side Management	\$0.000617 Per kWh
···	

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER **RESIDENTIAL SCHEDULE NO. 1**

Uncoilectible Accounts

\$0.000133 Per kWh

Customer Information and Lifeline Discount

\$0.000684 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### Three Phase Service

Same as single-phase service, except three-phase service is subject to the following additional charges:

There is a 3 phase differential of:

\$7.500000 Per Month

Its components are:

Customer Charge-Service Drop

\$1.000000 Per Month

Meter Services

Installation

\$0.812500 Per Month

Maintenance

\$0.812500 Per Month

Equipment

\$4.875000 Per Month

Subtotal

\$6.500000 Per Month

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

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# STANDARD OFFER RESIDENTIAL SCHEDULE NO. 1

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- There shall be a \$13.50 charge for the initial establishment of each new service for each Customer. 1.
- There shall be a \$13.50 charge for the re-establishment of each service for each Customer. 2.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Electric space heating and water heating equipment and installation shall conform to the Company's requirements.

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District: Entire Electric Service Area

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# STANDARD OFFER **RESIDENTIAL SCHEDULE NO. 2**

#### AVAILABILITY

This rate is limited to installations and Customers served under Rate No. 2 on the effective date of this tariff sheet.

#### **APPLICABILITY**

To separately metered single phase residential off-peak water heating service where general residential service is also provided under Rate No. 1. When service under Rate No. 2 is discontinued, the Company will either combine usage and bill under Rate No. 1 or modify the service entrance equipment so all-service is supplied through the Rate No. 1 meter.

Not applicable to three phase service, resale, breakdown, standby, auxiliary, or any other service except off-peak water heating in accordance with the provisions of this rate schedule.

Where service other than water heating to which this rate is applicable has been taken hereunder, the regular rate for such service shall be applied on a monthly basis to all consumption billed hereunder during the previous twelve months less the aggregate of payments made hereunder for the same period of time. The regular rate shall continue to apply until the unauthorized service is permanently separated from the off-peak water heating service.

In the event that unauthorized usage on this rate occurs, the Company may require a credit deposit or similar guarantee to insure payment of future bills.

#### CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

Service may be controlled by the Company by disconnecting electricity during certain periods of the day not exceeding 8 hours in any 24hour period, as determined by the Company from time to time.

#### RATE

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) All kWh	\$0.023645 <i>Per kWh</i>
Transmission	\$0.007305 Per kWh
Distribution	
Distribution Primary	\$0.015988 Per kWh
Distribution Secondary	\$0.007091 Per kWh
Subtotal	
Customer Charge-Service Drop	\$5.695628 Per Month
Meter Services	
Installation	\$0.400543 Per Month
Maintenance	\$0.080109 Per Month
Equipment	\$0.320434 Per Month

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District: Entire Electric Service Area

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# STANDARD OFFER **RESIDENTIAL SCHEDULE NO. 2**

\$0.801086 Per Month Subtotal

\$0.513286 Per Month Meter Reading Services

Billing and Collection

**Customer Accounting** \$1.000000 Per Month

\$0.000617 Per kWh Demand Side Management

\$0.000133 Per kWh Uncollectible Accounts

Customer Information and Lifeline Discount \$0.000684 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- 1. There shall be a \$13.50 charge for the initial establishment of each new service for each Customer.
- 2. There shall be a \$13.50 charge for the re-establishment of each service for each Customer.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's

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District: Entire Electric Service Area

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# STANDARD OFFER **RESIDENTIAL SCHEDULE NO. 2**

installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

The electric water heating equipment and installation shall conform to the Company's requirements and be for normal domestic use. The heater shall be of the storage type and not less than 30-gallon capacity. For a water heater equipped with one heating element, the rating of the heating element shall not exceed 6000 watts. For a water heater equipped with more than one heating element, the rating of any such heating element shall not exceed 6000 watts, and, if the total of the ratings of the elements exceeds 6000 watts, they shall be thermostatically interlocked so that they cannot operate simultaneously and thereby exceed 6000 watts. The Customer shall provide the necessary wiring to permit the installation of the Company's metering and control equipment.

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# STANDARD OFFER **GENERAL SERVICE SCHEDULE NO. 10**

#### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### APPLICABILITY

To all general power and lighting service unless otherwise addressed by specific rate schedules, when all energy is supplied at one point of delivery and through one metered service.

Not applicable to resale, breakdown, standby, or auxiliary service.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

#### **RATES**

### Single-Phase Service

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
Summer 1st block	\$0.084145 Per kWh
Summer 2nd block	\$0.070523 Per kWh
Winter 1st block	\$0.084145 Per kWh
Winter 2nd block	\$0.063818 Per kWh
Transmission	\$0.007382 Per kWh
Distribution	
Distribution Primary	\$0.016301 Per kWh
Distribution Secondary	\$0.006724 Per kWh
Customer Charge-Service Drop	\$2.410802 Per Month
Meter Services	
Installation	\$1.057093 Per Month
Maintenance	\$0.211419 Per Month
Equipment	\$0.845674 Per Month
Meter Reading Services	\$0.475012 Per Month
Billing and Collection	
Customer Accounting	\$1.000000 Per Month
Demand Side Management	\$0.000625 Per kWh

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# STANDARD OFFER GENERAL SERVICE SCHEDULE NO. 10

Uncollectible Accounts

\$0.000134 Per kWh

Customer Information and Lifeline Discount

\$0.000693 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### Three Phase Service

Same as single-phase service, except three-phase service is subject to the following additional charges:

There is a 3 phase differential of:

\$7.500000 Per Month

Its components are:

Customer Charge-Service Drop

\$1,000000 Per Month

Meter Services

Installation

\$0.812500 Per Month

Maintenance

\$0.812500 Per Month

Equipment

\$4.875000 Per Month

Subtotal

\$6.500000 Per Month

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- (a) When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the demand each month.
- (b) When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the demand each month.
- (c) When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the demand each month.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

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# STANDARD OFFER GENERAL SERVICE SCHEDULE NO. 10

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- 1. There shall be a \$13.50 charge for the initial establishment of each new service for each Customer.
- 2. There shall be a \$13.50 charge for the re-establishment of each service for each Customer.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract and a minimum term of contract.

Where the Customer's utilization equipment is operated on a fixed schedule and can be readily and efficiently inspected by the Company to verify its demand and/or kWh usage, the Company may supply unmetered service under this Rate Schedule upon the basis of the demand and/or kWh usage determined by the Company. The Company reserves the right at any time to meter service previously supplied on an unmetered basis. The Customer will be responsible for notifying the Company of any changes being made in the equipment connected to the system. The determined demand and/or kWh usage will be adjusted as equipment is changed.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

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District: Entire Electric Service Area

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# STANDARD OFFER MOBILE HOME PARK SCHEDULE NO. 11

#### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### **APPLICABILITY**

To mobile home parks for service through a master meter to two or more mobile homes, provided each mobile home served through such master meter will be individually metered and billed by the park operator in accordance with applicable Orders of the Arizona Corporation Commission. Electric service to the park's facilities used by its residents may be supplied under this schedule only if such facilities are served through a master meter which serves two or more mobile homes.

Not applicable to resale, breakdown, standby, or auxiliary service.

### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

#### RATES

#### Sinale-Phase Service

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) Summer Winter	\$0.060950 Per kWh \$0.048757 Per kWh
Transmission	\$0.007305 Per kWh
Distribution Distribution Primary Distribution Secondary	\$0.015988 Per kWh \$0.007091 Per kWh
Customer Charge-Service Drop	\$2.410802 Per Month
Meter Services Installation Maintenance Equipment	\$1.057093 Per Month \$0.211419 Per Month \$0.845674 Per Month
Meter Reading Services	\$0.475012 Per Month
Eilling and Collection Customer Accounting	\$1.000000 Per Month
Demand Side Management	\$0.000617 Per kWh

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District: Entire Electric Service Area

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# STANDARD OFFER MOBILE HOME PARK SCHEDULE NO. 11

Uncollectible Accounts

\$0.000133 Per kWh

Customer Information and Lifeline Discount

\$0.000684 Fer kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### Three Phase Service

Same as single-phase service, except three-phase service is subject to the following additional charges:

There is a 3 phase differential of:

\$7.500000 Per Month

Its components are:

Customer Charge-Service Drop

\$1.000000 Per Month

Meter Services

Installation

\$0.812500 Per Month

Maintenance

\$0.812500 Per Month

\$4.875000 Per Month

Equipment

Subtotal

\$6.500000 Per Month

## MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

# ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- (a) When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the demand each month.
- (b) When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the demand each month.
- (c) When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the demand each month.

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District: Entire Electric Service Area

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# STANDARD OFFER MOBILE HOME PARK SCHEDULE NO. 11

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- 1. There shall be a \$13.50 charge for the initial establishment of each new service for each Customer.
- 2. There shall be a \$13.50 charge for the re-establishment of each service for each Customer.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract and a minimum term of contract.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any tweive month period.

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Title:

Vice President. Rates & Regulatory Support

District: Entire Electric Service Area

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\$203.915716 Fer Month

# STANDARD OFFER LARGE GENERAL SERVICE SCHEDULE NO. 13

#### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### **APPLICABILITY**

To all general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. Customer shall contract for a demand of not less than 200 kW.

Not applicable to resale, breakdown, standby, or auxiliary service.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

#### **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Customer Charge-Service Drop

Generation (see MGC below)	
Min. Chg. Up to 200 kW	\$1,107.760205 Per Month
2nd block kW	\$4.958139 Per kW
Summer kWh	\$0.048419 Per kWh
Winter kWh	\$0.045998 Per kWh
Transmission	
Min. Chg. Up to 200 kW	\$124.851590 Per Month
2nd block kW	\$0.558814 <i>Per kW</i>
Summer kWh	\$0.005457 Per kWh
Winter kWh	\$0.005184 Per kWh
Distribution	
Distribution Primary	
Min. Chg. Up to 200 kW	\$163.420632 Per Month
2nd block kW	\$0.731442 Per kW
Summer kWh	\$0.007143 Per kWh
Winter kWh	\$0.006786 Per kWh
Distribution Secondary	
Min. Chg. Up to 200 kW	\$67.413741 Per Month
2nd block kW	\$0.301732 <i>Per kW</i>
Summer kWh	\$0.002947 Fer kWh
Winter kWh	\$0.002799 Per kWh
•	

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Reculatory Support

District: Entire Electric Service Area

Tariff No. Sheet No. 2 of 3

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# STANDARD OFFER LARGE GENERAL SERVICE SCHEDULE NO. 13

Meter Services

Installation

Maintenance Equipment

Meter Reading Services

Billing and Collection

Customer Accounting

Demand Side Management

Min. Chg. Up to 200 kW 2nd block kW Summer kWh Winter kWh

Uncollectible Accounts

.. Min. Chq. Up to 200 kW 2nd block kW Summer kWh Winter kWh

Customer Information and Lifeline Discount

Min. Chg. Up to 200 kW 2nd block kW Summer kWh Winter kWh

\$1,500000 Per Month

\$1.500000 Per Month \$9.000000 Per Month

\$1,000000 Per Month

\$5.000000 Per Month

\$10.564494 Per Month

\$0.047285 Per kW \$0.000462 Per kWh \$0.000439 Per kWh

\$2,270740 Per Month

\$0.010163 Per kW \$0.000099 Per kWh

\$0.000094 Per kWh

\$11,712882 Per Month

\$0.052425 Per kW

\$0.000512 Per kWh \$0,000486 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management. Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### **BILLING DEMAND**

The maximum 15 minute measured demand in the month, but not less than 50% of the maximum demand used for billing purcoses in the preceding 11 months, nor less than 50% of the contract demand, nor less than 200 kW.

Tucson, Arizona

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# STANDARD OFFER LARGE GENERAL SERVICE SCHEDULE NO. 13

#### ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- 1. When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.
- When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.
- When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### RULES AND REGULATIONS.

#### Service Connection Charges

- There shall be a \$13.50 charge for the initial establishment of each new service for each Customer. 1.
- 2. There shall be a \$13.50 charge for the re-establishment of each service for each Customer.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract and a minimum term of contract.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support Title:

District: Entire Electric Service Area

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# STANDARD OFFER LARGE LIGHT AND POWER SCHEDULE NO. 14

#### **AVAILABILITY**

Rate No. 14 shall be available for any Customer within the service territory of the Company if the Company has facilities of adequate capacity and a written contract, covering such matters as the Company and Customer shall deem appropriate.

#### CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, and shall be supplied directly from any 46,000 volt, or higher voltage, system through distribution facilities used exclusively to serve Rate 14 customers at a delivery voltage of not less than 2400/4160 volts and delivered at a single point of delivery unless otherwise specified in the contract.

#### <u>RATE</u>

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Billing and Collection

Generation (see MGC below)	
Demand Charge	\$9.063907 Per kW
Summer kWh	\$0.041830 Per kWh
Winter kWh	\$0.039739 Per kWh
Transmission	
Demand Charge	\$0.904158 Per kW
Summer kWh	\$0.004173 Per kWh
Winter kWh	\$0.003964 Per kWh
Distribution	
Distribution Primary	
Demand Charge	\$0.000000 Per kW
Summer kWh	\$0.000000 <i>Per kWh</i>
Winter kWh	\$0.000000 Per kWh
Distribution Secondary	
Demand Charge	\$0.000000 <i>Per kW</i>
Summer kWh	\$0.000000 <i>Per kWh</i>
Winter kWh	\$0.000000 Per kWh
Customer Charge-Service Drop	\$0.000000 Per Month
Meter Services	
Installation	\$2.000000 Per Month
Maintenance	\$2.000000 Per Month
Equipment	\$16.000000 Per Month
Meter Reading Services	\$1.000000 Per Month

Tucson, Arizona

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Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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\$0.000422 Per kWh

# STANDARD OFFER LARGE LIGHT AND POWER SCHEDULE NO. 14

\$35.000000 Per Month Customer Accounting Demand Side Management \$0.086905 Per kW Demand Charge Summer kWh \$0.000401 Per kWh \$0.000381 Per kWh Winter kWh Uncollectible Accounts Demand Charge \$0.018679 Per kW Summer kWh \$0.000086 Per kWh Winter kWh \$0.000082 Per kWh Customer Information and Lifeline Discount \$0.096351 Per kW Demand Charge Summer kWh \$0.000445 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

Winter kWh

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### **BILLING DEMAND**

The billing demand shall be specified in the contract, but shall not be less than 3,000 kW. Additionally, the billing demand shall not be less than 66.67% of the maximum billing demand in the preceding eleven (11) months, unless otherwise specified in the contract.

#### POWER FACTOR ADJUSTMENT

The above rate is subject to a discount or a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is above or below 90% lagging to a maximum discount of 13.0¢ per kW of billing demand per month.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER RESIDENTIAL TIME-OF-USE SCHEDULE NO. 21 (FROZEN)

#### AVAILABILITY

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Direct access to the meter during normal working hours is also a prerequisite for this rate schedule.

#### **APPLICABILITY**

To any Customer entitled to single phase service under Rate 01. Preference may be given to those Customers whose historic or expected annual usage exceeds 16,000 kWh. Service must be single phase residential electric service in individual private dwellings and individually metered multi-family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off-peak electric water heating may be metered separately.

Not applicable to three phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

The total number of Customers served under this Time-of-Use Rate Schedule is limited to 5,000. Service under this schedule will commence when the appropriate meter has been installed.\* Customers must stay on this Rate Schedule for a minimum period of one (1) year.

The waiting list for service under this Time-of-Use Rate Schedule was frozen as of March 31, 1996.

As meters become available from the original group of 5,000, customers on the frozen waiting list will be offered service under this Rate Schedule in the order that they were placed on the waiting list.

Customers currently served under this Rate Schedule that change residences will not be allowed to receive service under this Rate Schedule at their new residence.

#### CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

#### **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Subtotal

Generation (see MGC below) Summer Peak Summer Off-Peak	\$0.096143 Per kWh \$0.019367 Per kWh
Winter Peak Winter Off-Peak	\$0.069211 Per kWh \$0.019367 Per kWh
Transmission	\$0.007305 Per kWh
Distribution Distribution Primary Distribution Secondary	\$0.015988 Per kWh \$0.007091 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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\$0.000684 Per kWh

# STANDARD OFFER RESIDENTIAL TIME-OF-USE SCHEDULE NO. 21 (FROZEN)

Customer Charge-Service Drop \$2.685628 Per Month Meter Services \$1.400543 Per Month Installation Maintenance \$0.280109 Per Month \$1.120434 Per Month Equipment \$2.801086 Per Month Subtotal Meter Reading Services \$0.513286 Per Month Billing and Collection **Customer Accounting** \$1.000000 Per Month \$0.000617 Per kWh Demand Side Management \$0.000133 Per kWh Uncollectible Accounts

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Customer Information and Lifeline Discount

During the summer season, the On-Peak period is 10:00 a.m. to 10:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). During the winter season, the On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

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Vice President, Rates & Regulatory Support

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# STANDARD OFFER RESIDENTIAL TIME-OF-USE SCHEDULE NO. 21 (FROZEN)

#### **RULES AND REGULATIONS**

#### Service Connection Charges

- There shall be a \$13.50 charge for the initial establishment of each new service for each Customer.
- There shall be a \$13.50 charge for the re-establishment of each service for each Customer. 2.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Electric space heating and water heating equipment and installation shall conform to the Company's requirements.

\*This Rate Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters will be installed within any specific time. However, the Company will make its best effort to install the special meter within a reasonable time.

Tucson, Arizona

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District: Entire Electric Service Area

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# STANDARD OFFER INTERRUPTIBLE AGRICULTURAL PUMPING SCHEDULE NO. 31

#### AVAILABILITY

Available for interruptible service to agricultural pumping customers throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### **APPLICABILITY**

Applicable to separately metered interruptible agricultural water pumping service for irrigation purposes of the Customer only.

Not applicable to resale, breakdown, standby, auxiliary, or any other service except agricultural pumping in accordance with the provisions of this rate schedule.

#### CHARACTER OF SERVICE

Three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

#### **RATE**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Winter

Generation (see MGC below)	#0.00044F B14#
Summer	<b>\$</b> 0.033445 <i>Per kWh</i>
Winter	\$0.032607 Per kWh
Transmission	
Summer	\$0.005900 Per kWh
Winter	\$0.005752 Per kWh
Distribution -	
Distribution Primary	
Summer	\$0.007723 Per kWh
Winter	\$0.007529 Per kWh
Distribution Secondary	
Summer	\$0.003186 Per kWh
Winter	\$0.003106 Per kWh
Customer Charge-Service Drop	
Summer	\$0.000310 Per kWh
Winter	\$0.000302 Fer kWh
Meter Services	
Installation	
Summer	\$0.000199 Per kWh
Comme	

\$0.000194 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

riue:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No. 31
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# STANDARD OFFER INTERRUPTIBLE AGRICULTURAL PUMPING SCHEDULE NO. 31

Maintenance

Summer

\$0.000040 Per kWh

Winter

\$0.000039 Per kWh

Equipment

Summer

\$0.000159 Per kWh

Winter

\$0.000155 Per kWh

Meter Reading Services

Summer

30.000089 Per kWh

Winter

\$0.000087 Per kWh

Billing and Collection

**Customer Accounting** 

Summer

\$0.000332 Fer kWh

Winter

\$0.000324 Per kWh

Demand Side Management

Summer

\$0.000499 Per kWh

Winter

\$0.000487 Per kWh

Uncollectible Accounts

Summer

\$0.000107 Per kWh

Winter

\$0.000105 Per kWh

Customer Information and Lifeline Discount

Summer

\$0.000554 Per kWh

Winter

\$0.000540 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Minimum Bill - The Customer guarantees that its load shail be sufficient such that a summation of all the above payments shall be not less than \$30.00 per hp connected and in no event less than \$1,800.00.

Minimum payments at the rate of \$2.50 per hp of motors connected, but not less than \$150.00 shall be made monthly. if during the contract year (which shall be from April 1 to March 31 of the following year) the total payments exceed the annual guarantee of \$30.00 per hp connected but not less than \$1,800.00, then the Customer shall be credited the difference between the amount actually paid during the contract year and the amount which would have been paid had the monthly minimum charge not been applied.

#### DETERMINATION OF HORSEPOWER FOR BILLING

Horsepower connected shall be the manufacturer's nameplate rating of all equipment of Customer connected for service under this schedule, but not less than 60 hp.

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

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District: Entire Electric Service Area

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# STANDARD OFFER INTERRUPTIBLE AGRICULTURAL PUMPING SCHEDULE NO. 31

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### TERMS AND CONDITIONS OF SERVICE

- 1. Customer must furnish, install, own, and maintain at each point of delivery all necessary Company approved equipment which will enable the Company to interrupt service with its master control station.
- Service may be interrupted by Company during certain periods of the day not exceeding six hours in any 24-hour period.
- 3. Company will endeavor to give customer one hour notice of impending interruption; however, service may be interrupted without notice should Company deem such action necessary.
- 4. Where service other than agricultural pumping to which this rate is applicable has been taken hereunder, the general service rate shall be applied on a monthly basis to all usage billed hereunder during the previous twelve months less the aggregate of payments made hereunder for the same period of time. The general service rate shall continue to apply until the unauthorized service is permanently separated from the agricultural pumping service.
- 5. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

#### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission snall apply where not inconsistent with this rate schedule.

The Company may require a written contract.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER MUNICIPAL SERVICE SCHEDULE NO. 40

#### **AVAILABILITY**

Available for Municipal Service where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### **APPLICABILITY**

Applicable for service to the City of Tucson and City of South Tucson for Municipal buildings and grounds.

Not applicable to resale, breakdown, standby, or auxiliary service or to buildings used for residential purposes.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, at secondary voltage and subject to availability at point of delivery approved by the Company.

#### **RATE**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation	(see	MGC	below)
------------	------	-----	--------

Summer

\$0.059681 Per kWh

Winter

\$0.056696 Per kWh

Transmission

Summer

\$0,007666 Per kWh

Winter

\$0.007283 Per kWh

Distribution

Distribution Primary

Summer

\$0.010118 Per kWh

Winter

\$0,009612 Per kWh

Distribution Secondary

Summer

\$0.004194 Per kWh

Winter.

\$0.003984 Per kWh

Customer Charge-Service Drop

Summer

\$0.000169 Per kWh

Winter

\$0,000160 Per kWh

Meter Services

Installation

Summer

\$0,000261 Per kWh

Winter

\$0.000248 Per kWh

Maintenance

Summer

\$0.000052 Per kWh

Winter

\$0.000050 Per kWh

Tucson, Arizona

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Title:

Vice President, Rates & Regulatory Support

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# STANDARD OFFER MUNICIPAL SERVICE SCHEDULE NO. 40

Equipment

Meter Reading Services

Summer

\$0,000209 Fer kWh \$0.000198 Per kWh

Winter

\$0.000049 Per kWh

Summer Winter

\$0.000046 Per kWh

Billing and Collection

**Customer Accounting** 

Summer

\$0,000181 Per kWh

Winter

\$0.000172 Per kWh

Demand Side Management

Summer

\$0.000671 Per kWh

Winter

\$0.000637 Per kWh

Uncollectible Accounts

Summer

\$0.000144 Per kWh

Winter

\$0,000137 Per kWh

Customer Information and Lifeline Discount

Summer

\$0.000744 Per kWh

Winter

\$0.000707 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

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District: Entire Electric Service Area

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# STANDARD OFFER MUNICIPAL SERVICE SCHEDULE NO. 40

#### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract.

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# STANDARD OFFER TRAFFIC SIGNAL AND STREET LIGHTING SCHEDULE NO. 41

#### AVAILABILITY

Available for service to the State, a county, city, town, political subdivision, improvement district, or a responsible person or persons for unincorporated communities for Traffic Signal and Street Lighting purposes where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### **APPLICABILITY**

Applicable to Customer owned and maintained traffic signals and public street and highway lighting.

Not applicable to resale, breakdown, standby, or auxiliary service.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery approved by the Company.

#### RATE

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation	(see	MGC	below)
A/J (1.6	//-		

All kWh

\$0.028023 Per kWh

Transmission

All kWh

\$0.003450 Per kWh

Distribution

Distribution Primary

All kWh

\$0.021651 Per kWh

Distribution Secondary

All kWh

\$0.009475 Per kWh

Customer Charge-Service Drop

Alf kWh

\$0,004070 Per kWh

Meter Services

Installation

All kWh

\$0.000000 Per kWh

Maintenance

All kWh

\$0.000000 Per kWh

Equipment

All kWh

\$0,000000 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No. 2 of 2 Sheet No. Revision No. Effective:

# STANDARD OFFER TRAFFIC SIGNAL AND STREET LIGHTING SCHEDULE NO. 41

Meter Reading Services

All kWh

\$0,000293 Per kWh

Billing and Collection

**Customer Accounting** 

All kWh

\$0,001090 Per kWh

Demand Side Management

All kWh

\$0.000510 Per kWh

Uncollectible Accounts

All kWh

\$0,000110 Per kWh

Customer Information and Lifeline Discount

All kWh

\$0.000566 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract.

Where the Customer's utilization equipment is operated on a fixed schedule and can be readily and efficiently inspected by the Company to verify its demand and/or kWh usage, the Company may supply unmetered service under this Rate Schedule upon the basis of the demand and/or kWh usage determined by the Company. The Company reserves the right at any time to meter service previously supplied on an unmetered basis. The Customer will be responsible for notifying the Company of any changes being made in the equipment connected to the system. The determined demand and/or kWh usage will be adjusted as equipment is changed.

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	43	
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Effective:		

# STANDARD OFFER MUNICIPAL WATER PUMPING SCHEDULE NO. 43

#### AVAILABILITY

Available for service to the City of Tucson Water Utility and private water Companies where the facilities of the Company are of adequate capacity and are adjacent to the premises.

#### **APPLICABILITY**

Applicable for service to booster stations and wells used for domestic water supply.

Not applicable to resale, breakdown, standby, or auxiliary service.

#### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as elected by Customer and subject to availability at point of delivery approved by the Company. Primary metering may be used by mutual agreement.

#### **RATE**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

#### Firm Service:

Generation (see MGC below) Summer Winter	\$0.065048 Per kWh \$0.061796 Per kWh
Transmission	
Summer	\$0.006988 Per kWh
Winter	\$0.006638 Per kWh
Distribution Distribution Primary Summer Winter	\$0.006958 Per kWh \$0.006610 Per kWh
Distribution Secondary Summer Winter	\$0.002884 Per kWh \$0.002740 Per kWh
Customer Charge-Service Drop Summer Winter	\$0.000154 Per kWh \$0.000146 Per kWh
Meter Services Installation Summer	30.000238 <i>Per kWh</i>

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support Title:

District: Entire Electric Service Area

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E #ootivo:		

# STANDARD OFFER MUNICIPAL WATER PUMPING SCHEDULE NO. 43

\$0.000226 Per kWh Winter Maintenance \$0.000048 Per kWh Summer \$0.000045 Per kWh Winter Equipment \$0.000190 Per kWh Summer \$0.000181 Per kWh Winter Meter Reading Services \$0.000044 Per kWh Summer \$0.000042 Per kWh Winter Billing and Collection **Customer Accounting** \$0.000165 Per kWh Summer \$0.000157 Per kWh Winter Demand Side Management \$0.000611 Per kWh Summer \$0.000581 Per kWh Winter Uncollectible Accounts \$0.000131 Per kWh Summer \$0,000125 Per kWh Winter Customer Information and Lifeline Discount \$0,000678 Per kWh Summer \$0.000644 Per kWh Winter

#### Interruptible Service:

Generation (see MGC below) \$0.033112 Per kWh Summer \$0.032281 Per kWh Winter Transmission \$0.007114 Per kWh Summer \$0.006935 Per kWh Winter Distribution

Distribution Primary \$0.007084 Per kWh Summer \$0.006906 Per kWh Winter

Tucson, Arizona

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District: Entire Electric Service Area

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# STANDARD OFFER MUNICIPAL WATER PUMPING SCHEDULE NO. 43

Distribution Secondary

Summer

\$0.002936 Per kWh

Winter

\$0.002862 Per kWh

Customer Charge-Service Drop

Summer

\$0.000157 Per kWh

Winter

\$0.000153 Per kWh

Meter Services

Installation

Summer

\$0.000242 Per kWh

Winter

\$0.000236 Per kWh

Maintenance

Summer

\$0.000048 Per kWh

Winter

\$0.000047 Per kWh

Equipment

Summer

\$0.000193 Per kWh

Winter

\$0.000189 Per kWh

Meter Reading Services

Summer

\$0.000045 Per kWh

Winter

\$0.000044 Per kWh

Billing and Collection

**Customer Accounting** 

Summer

\$0.000168 Per kWh

Winter

\$0.000164 Per kWh

Demand Side Management

Summer

\$0.000623 Per kWh

Winter

\$0.000607 Per kWh

Uncollectible Accounts

Summer

\$0.000134 Per kWh

Winter

\$0.000130 Per kWh

Customer Information and Lifeline Discount

Summer

\$0.000690 Per kWh

Winter

\$0.000673 Per kWh

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts. Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Tucson, Arizona

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Vice President. Rates & Regulatory Support

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Tariff No.	43	
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# STANDARD OFFER MUNICIPAL WATER PUMPING SCHEDULE NO. 43

#### Primary Voltage Discount

A discount of 5% will be allowed from the above rates where Customer owns the transformers and service is metered at primary voltage.

#### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

#### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### TERMS AND CONDITIONS OF INTERRUPTIBLE SERVICE

- 1. Customer must furnish, install, own, and maintain at each point of delivery all necessary Company approved equipment which will enable the Company to interrupt service with its master control station.
- 2. Service may be interrupted by Company during certain periods of the day not exceeding six hours in any 24-hour period.
- 3. Company will endeavor to give Customer one hour notice of impending interruption; however, service may be interrupted without notice should Company deem such action necessary.
- The interruptible load shall be separately served and metered and shall at no time be connected to facilities serving Customer's firm load. Conversely, the firm load shall be separately served and metered and shall at no time be connected to facilities serving Customer's interruptible load.
- 5. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

#### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

The Company may require a written contract.

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President, Rates & Requiatory Support

District: Entire Electric Service Area

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Effective:		

# STANDARD OFFER PUBLIC STREET LIGHTING SCHEDULE NO. 50

### AVAILABILITY

Available for service for lighting public streets, aileys, thoroughfares, public parks, and playgrounds by use of Company's standard facilities where such service is contracted under this rate schedule by the state, a county, city, town, political subdivision, improvement district, or a responsible person or persons for unincorporated communities.

### **APPLICABILITY**

Applicable to street lighting service from dusk to dawn and Company will own, operate, and maintain the street light system including lamps and globe replacements.

### CHARACTER OF SERVICE

Multiple or series street lighting system at option of Company and at one standard nominal voltage.

### **RATES**

A mo	nthly net bill based on the following, as applica	ble, plus any ao 100 W Overhead	djustments inco 250 W Overhead	rporated in this 400 W Overhead	Schedule: Pole Addition	100 W Underground
Gene	per Customer Month	\$4.646431	\$6.977742	\$10.766122	\$0.000000	\$8.811221
Trans	emission per Customer Month	\$0.572004	\$0.859002	\$1.325374	\$0.00000	\$1.084714
Distri	bution Distribution Primary per Customer Month	\$3.589863	\$5.391049	\$8.317976	\$4.010000	\$6.807607
	Distribution Secondary per Customer Month	\$1.570971	\$2.359193	\$3.640054	\$0.00000	\$2.979097
	Customer Charge-Service Drop per Customer Month	\$0.723542	\$1.086574	\$1.676500	\$0.000000	\$1.372083
Mete	r Services Instailation per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.00000
	Maintenance per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.00000	\$0.000000
	Equipment					

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice Br

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER PUBLIC STREET LIGHTING SCHEDULE NO. 50

per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Meter Reading Services					
per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Billing and Collection					
Customer Accounting					
per Customer Month	\$0.180658	\$0.271302	\$0.418598	\$0.000000	\$0.342589
per oustomer Month	<b>4</b> 0. 100000	<b>4</b> 0.27 1002	Ψ010000	<b>\$0.00000</b>	<b>9</b> 0.042000
Demand Side Management		•			
per Customer Month	\$0.084579	\$0.127015	\$0,195975	\$0.000000	\$0.160390
ps: 000000000000000000000000000000000000	•				
Uncollectible Accounts					
per Customer Month	\$0.018179	\$0.027301	\$0.042123	\$0.000000	\$0.034474
,					
Customer Information and Lifeline Discount					
per Customer Month	\$0.093773	\$0.140822	\$0.217278	\$0.000000	\$0.177825
•					

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

### STANDARD LAMP UNITS, OVERHEAD SERVICE

- 1. The standard 100 watt lamp unit for overhead service is a 9,500 lumen high pressure sodium unit. mounted on a four foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 25 feet above ground level.
- 2. The standard 250 watt lamp unit for overhead service is a 27,500 lumen high pressure sodium unit, mounted on an eight foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 27 feet above ground level.
- 3. The standard 400 watt lamp unit for overhead service is a 50,000 lumen high pressure sodium unit, mounted on an eighteen foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 35 feet above ground level.
- 4. The standard 100 watt lamp unit for underground service is a 9,500 lumen high pressure sodium post top unit mounted on a pole approximately 15 feet above ground level.

Tucson, Arizona

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Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER PUBLIC STREET LIGHTING SCHEDULE NO. 50

### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may be in the future assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

### SPECIAL PROVISIONS

- 1. Installation of a light on an existing pole is subject to prior approval of Company.
- 2. Extensions beyond 100 feet and all installations other than those addressed in this rate schedule, will require specific agreements providing adequate revenue or arrangements for construction financing.
- 3. The Customer is not authorized to make connections to this lighting circuit or to make attachments or alterations to the Company owned pole.
- 4. If a Customer requests a relocation of a lighting installation, the costs of such relocation must be borne by the Customer.
- The Customer is expected to notify the Company when lamp outages occur.
- The Company will use diligence in maintaining service; however, monthly bills will not be reduced because of lamp outages. 6.
- 7. After the minimum contract period, if any, has expired, this agreement shall be extended from year to year unless written notice of desire to terminate is given by either party at least thirty (30) days prior to the end of any such annual extension date.

### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule. Any condition not provided for herein must be the subject of a separate written agreement.

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No	51	
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# STANDARD OFFER PRIVATE STREET AND AREA LIGHTING SCHEDULE NO. 51

### **AVAILABILITY**

At any point where the Company in its judgment has facilities of adequate capacity and suitable voltage available.

### **APPLICABILITY**

To any Customer for private street or outdoor area lighting where this service can be supplied from existing facilities of the Company.

Service is from dusk to dawn and the Company will install, own, operate, and maintain the complete lighting installation including lamp replacements.

Not applicable to resale service.

### CHARACTER OF SERVICE

Multiple or series street lighting system at option of Company and at one standard nominal voltage.

### **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

	100 W Overhead	250 W Overhead	400 W Overhead	Pole Addition	100 W Underground
Generation (see MGC below) per Customer Month	\$4.646431	\$6.977742	\$10.766122	\$0.000000	\$8.811221
Transmission per Customer Month	\$0.572004	\$0.859002	<b>\$</b> 1.325374	\$0.000000	\$1.084714
Distribution Distribution Primary per Customer Month	\$3.589863	\$5.391049	<b>\$</b> 8.317976	\$4.010000	\$6.807607
Distribution Secondary per Customer Month	<b>\$</b> 1.570971	\$2.359193	\$3.640054	\$0.000000	\$2.979097
Customer Charge-Service Drop per Customer Month	\$0.723542	\$1.086574	<b>\$</b> 1.676500	\$0.000000	\$1.372083
Meter Services Installation per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	30.000000
Maintenance per Customer Month	\$0.000000	\$0.000000	\$0.000000	30.000000	\$0.000000

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Vice President, Rates & Regulatory Support

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# STANDARD OFFER PRIVATE STREET AND AREA LIGHTING SCHEDULE NO. 51

Equipment per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Meter Reading Services per Customer Month	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
Billing and Collection					
Customer Accounting	<b>60 4000ED</b>	¢0.074300	<b>60 440500</b>	<b>#0.00000</b> 0	<b>60 040500</b>
per Customer Month	\$0.180658 -	\$0.271302	\$0.418598	\$0.000000	\$0.342589
Demand Side Management					
per Customer Month	\$0.084579	\$0.127015	\$0.195975	\$0.000000	\$0.160390
Uncollectible Accounts					
per Customer Month	\$0.018179	\$0.027301	\$0.042123	\$0.000000	\$0.034474
Customer Information and Lifeline Discount					
per Customer Month	\$0.093773	\$0.140822	\$0.217278	\$0.000000	\$0.177825

Summer billing months are May through October and winter billing months are November through April. Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

### STANDARD LAMP UNITS

- 1. The standard 100 watt lamp unit for overhead service is a 9,500 lumen high pressure sodium unit, mounted on a four foot mast arm and controlled by a photoelectric cell. The unit will be mounted on a pole approximately 20 feet above ground level.
- 2. The standard 250 watt lamp unit for overhead service is a 27,500 lumen high pressure sodium unit, mounted on an eight foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 27 feet above ground level.
- 3. The standard 400 watt lamp unit for overhead service is a 50.000 lumen high pressure sodium unit, mounted on an eighteen foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 35 feet above ground level.
- 4. The standard 100 watt lamp unit for underground service is a 9.500 lumen high pressure sodium post top unit mounted on a pole approximately 15 feet above ground level.

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No	51	
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# STANDARD OFFER PRIVATE STREET AND AREA LIGHTING SCHEDULE NO. 51

### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may be in the future assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

### SPECIAL PROVISIONS

- 1. Installation of a light on an existing pole is subject to prior approval of Company.
- 2. Extensions beyond 100 feet and all installations other than those addressed in this rate schedule will require specific agreements providing adequate revenue or arrangements for construction financing.
- 3. The Customer is not authorized to make connections to this lighting circuit or to make attachments or alterations to the Company owned pole.
- 4. If a Customer requests a relocation of a lighting installation, the costs of such relocation must be borne by the Customer.
- The Customer is expected to notify the Company when lamp outages occur.
- The Company will use diligence in maintaining service; however, monthly bills will not be reduced because of lamp outages.
- 7. The Customer may cancel a lighting service agreement by payment of the monthly bill, including any applicable tax adjustment, multiplied by the number of remaining months of the initial agreement, or the calculated "up and down" costs for the extension, whichever is lower.

### **CONTRACT PERIOD**

All private Street and Area Lighting installations will require a standard Customer agreement for service as follows:

- 1. Three (3) year initial term for installation on existing facilities.
- Four (4) year initial term or longer, at the Company's option, for installations requiring an extension of facilities.

### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule. Any condition not provided for herein must be the subject of a separate written agreement.

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	70	
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# STANDARD OFFER RESIDENTIAL TIME-OF-USE SCHEDULE NO. 70

### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Direct access to the meter during normal working hours is also a prerequisite for this rate schedule.

### **APPLICABILITY**

To any Customer entitled to single phase service under Rate No. 01. Service is available to individual private dwellings and individually metered multi-family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off-peak electric water heating may be metered separately.

Not applicable to three phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Service under this schedule will commence when the appropriate meter has been installed.\* Customers must stay on this Rate Schedule for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period under Rate No. 70, may opt to switch service to the Company's non-time-of-use Residential Rate No. 1. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under Rate No. 70 that would not have been paid under Rate No. 1. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

### CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

### **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
Summer Peak	<b>\$</b> 0.156093 <i>Per kWh</i>
Summer Shoulder	\$0.086863 Per kWh
Summer Off-Peak	\$0.027523 Per kWh
Winter Peak	\$0.096753 Per kWh
Winter Off-Peak	\$0.012688 Per kWh
Transmission	\$0.007305 Per kWh
Distribution	
Distribution Primary	\$0.015988 <i>Per kWh</i>
Distribution Secondary	\$0.007091 Per kWh
Customer Charge-Service Drop	\$2.685628 Per Month
Meter Services	
Installation	\$1.360543 Per Month
Maintenance	\$0.272109 Per Month

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Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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### STANDARD OFFER RESIDENTIAL TIME-OF-USE SCHEDULE NO. 70

Equipment

\$1.088434 Per Month

Meter Reading Services

\$0.513286 Per Month

Billing and Collection

**Customer Accounting** 

\$1.000000 Per Month

Demand Side Management

\$0.000617 Per kWh

Uncollectible Accounts

\$0.000133 Per kWh

Customer Information and Lifeline Discount

\$0.000684 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday fails on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

# ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

### TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

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Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER RESIDENTIAL TIME-OF-USE SCHEDULE NO. 70

### **RULES AND REGULATIONS**

### Service Connection Charges

- There shall be a \$13.50 charge for the initial establishment of each new service for each Customer. 1.
- There shall be a \$13.50 charge for the re-establishment of each service for each Customer. 2.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this rate schedule.

Optional rates are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the rate schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable rate schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, Company will assist in determining if a change in rates is desirable, but not more than one such change in rates will be made within any twelve month period.

Electric space heating and water heating equipment and installation shall conform to the Company's requirements.

\*This Rate Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters will be installed within any specific time. However, the Company will make its best effort to install the special meter within a reasonable time.

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER GENERAL SERVICE TIME-OF-USE SCHEDULE NO. 76

### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Direct access to the meter during normal working hours is also a prerequisite for this Schedule. Service hereunder shall be limited to either an aggregate customer total of 30 MW or an aggregate customer total of 130,000,000 kWh annually, whichever total is reached first.

### **APPLICABILITY**

To any Customer entitled to service under Price Schedule No. 10. Service under this Schedule will commence when the appropriate meter has been installed.\*

Customers must stay on this Schedule for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period under Price Schedule No. 76, may opt to switch service to the Company's non-time-of-use General Service Price Schedule No. 10. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under Price Schedule No. 76 that would not have been paid under Price Schedule No. 10. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

Not applicable to resale, breakdown, standby, or auxiliary service.

### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

### Single Phase Service

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
Summer Peak	\$0.195612 Per kWh
Summer Shouider	\$0.111547 Per kWh
Summer Off-Peak	\$0.037372 Per kWh
Winter Peak	\$0.121437 Per kWh
Winter Off-Peak	\$0.022537 Per kWh
Transmission	\$0.007382 Per kWh
Distribution	
Distribution Primary	\$0.016301 Per kWh
Distribution Secondary	\$0.006724 Fer kWh
Customer Charge-Service Drop	\$2.685628 Per Month
Meter Services	
Installation	\$1,360543 Fer Month

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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### STANDARD OFFER GENERAL SERVICE TIME-OF-USE SCHEDULE NO. 76

Maintenance

\$0.272109 Per Month

Equipment

\$1,088434 Per Month

Meter Reading Services

\$0.513286 Per Month

Billing and Collection

**Customer Accounting** 

\$1.000000 Per Month

Demand Side Management

\$0.000625 Per kWh

Uncollectible Accounts

\$0.000134 Per kWh

Customer Information and Lifeline Discount

\$0,000693 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

### Three Phase Service

Same as Single Phase Service, except three phase service is subject to the following additional charges:

There is a 3 phase differential of:

\$7,500000

Its components are:

Customer Charge-Service Drop

\$1.000000

Meter Services

Installation

\$0.812500

Maintenance

\$0.812500

Equipment

\$4.875000

Subtotal

\$6.500000

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder price in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday fails on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

### ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

1. When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3c per kW per month of the billing demand each month.

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice Presi

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER GENERAL SERVICE TIME-OF-USE SCHEDULE NO. 76

- 2. When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.
- 3. When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

### TAX CLAUSE

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

### **RULES AND REGULATIONS**

#### Service Connection Charges

- 1. There shall be a \$13.50 charge for the initial establishment of each new service for each Customer.
- 2. There shall be a \$13.50 charge for the re-establishment of each service for each Customer.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

The Company may require a written contract and a minimum term of contract.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but the Company does not guarantee that Customers will be served under the most favorable price schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service. Company will assist in determining if a change in price schedule is desirable, but not more than one such change in price schedule will be made within any twelve month period.

This Schedule requires a type of meter not normally used: therefore, the Company makes no guarantee that the meters will be installed within any specific time. However, the Company will make its best effort to install the special meter within a reasonable time.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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### STANDARD OFFER TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85A

### **AVAILABILITY**

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Service under this Schedule shall be limited to a total of 30 MW.

### **APPLICABILITY**

To all general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. Customer shall contract for a demand of not less than 200 kW. Service under this Schedule shall commence when the appropriate meter has been installed.\*

Not applicable to resale, breakdown, standby, or auxiliary service.

### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering shall be required for new installations with service requirements in excess of 2,500 kW.

### **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
kW on peak summer	\$5.702605 Per kW
Excess kW shoulder summer	\$3.766995 Per Excess kW
Excess kW off peak summer	\$2.851302 Per Excess kW
kW on peak winter	\$3.766995 Per kW
Excess kW off peak winter	\$1.883497 Per Excess kW
Summer kWh - Peak	\$0.052857 Per kWh
Summer kWh - Off Peak	\$0.046901 Per kWh
Summer kWh - Shoulder	\$0.049879 Per kWh
Winter kWh - Peak	\$0.049879 Per kWh
Winter kWh - Off Peak	\$0.043923 Per kWh

Transmission \$0.642720 Per kW kW on peak summer \$0.424564 Per Excess kW Excess kW shoulder summer \$0.321360 Per Excess kW Excess kW off peak summer \$0.424564 Per kW kW on peak winter \$0.212282 Per Excess kW Excess kW off peak winter \$0.005957 Per kWh Summer kWh - Peak \$0.005286 Per kWh Summer kWh - Off Peak \$0.005622 Per kWh Summer kWh - Shoulder \$0.005622 Per kWh Winter kWh - Peak \$0,004950 Fer kWh Winter kWh - Cff Peak

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support Title:

District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85A

Distribution

Distribution Primary

kW on peak summer

Excess kW shoulder summer

Excess kW off peak summer

kW on peak winter

Excess kW off peak winter

Summer kWh - Peak

Summer kWh - Off Peak

Summer kWh - Shoulder

Winter kWh - Peak

Winter kWh - Off Peak

\$0.841268 Per kW

\$0.555720 Per Excess kW

\$0.420634 Per Excess kW

\$0.555720 Per kW

\$0.277860 Per Excess kW

\$0.007798 Per kWh

\$0.006919 Per kWh

\$0.007358 Per kWh

\$0.007358 Per kWh

\$0.006480 Per kWh

Distribution Secondary

kW on peak summer

Excess kW shoulder summer

Excess kW off peak summer

kW on peak winter Excess kW off peak winter

Summer kWh - Peak

Summer kWh - Off Peak Summer kWh - Shoulder

Winter kWh - Peak

Winter kWh - Off Peak

\$0.347037 Per kW

\$0.229244 Per Excess kW

\$0.173519 Per Excess kW

\$0.229244 Per kW

\$0.114622 Per Excess kW

\$0.003217 Per kWh

\$0.002854 Per kWh

\$0.003035 Per kWh

\$0.003035 Per kWh \$0.002673 Per kWh

Customer Charge-Service Drop

\$82.000000 Per Month

Meter Services

Installation

Maintenance

Equipment

\$1,500000 Per Month \$1,500000 Per Month

\$9.000000 Per Month

Meter Reading Services

\$1,000000 Per Month

Billing and Collection

**Customer Accounting** 

\$5,000000 Per Month

Demand Side Management

kW on peak summer

Excess kW shoulder summer

Excess kW off peak summer

kW on peak winter

Excess kW off peak winter

Summer kWh - Peak

\$0.054385 Per kW

\$0.035925 Per Excess kW

\$0.027192 Per Excess kW

\$0.035925 Per kW

\$0.017963 Per Excess kW

\$0.000504 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice Presider

Vice President, Rates & Requiatory Support

District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85A

 Summer kWh - Off Peak
 \$0.000447 Per kWh

 Summer kWh - Shoulder
 \$0.000476 Per kWh

 Winter kWh - Peak
 \$0.000476 Per kWh

 Winter kWh - Off Peak
 \$0.000419 Per kWh

Uncollectible Accounts

 kW on peak summer
 \$0.011689 Per kW

 Excess kW shoulder summer
 \$0.007722 Per Excess kW

 Excess kW off peak summer
 \$0.005845 Per Excess kW

 kW on peak winter
 \$0.007722 Per kW

 Excess kW off peak winter
 \$0.003861 Per Excess kW

 Summer kWh - Peak
 \$0.000108 Per kWh

 Summer kWh - Off Peak
 \$0.000096 Per kWh

 Summer kWn - Off Peak
 \$0.000096 Per kWh

 Summer kWh - Shoulder
 \$0.000102 Per kWh

 Winter kWh - Peak
 \$0.000102 Per kWh

 Winter kWh - Off Peak
 \$0.000090 Per kWh

Customer Information and Lifeline Discount

\$0.060296 Per kW kW on peak summer \$0.039830 Per Excess kW Excess kW shoulder summer \$0.030148 Per Excess kW Excess kW off peak summer \$0.039830 Per kW kW on peak winter Excess kW off peak winter \$0.019915 Per Excess kW \$0.000559 Per kWh Summer kWh - Peak \$0.000496 Per kWn Summer kWh - Off Peak Summer kWh - Shoulder \$0.000527 Per kWh \$0.000527 Per kWh Winter kWh - Peak

\$0.000464 Per kWh

Demand-Side Management, Uncollectible Accounts. Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

Winter kWh - Off Peak

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

Excess off-peak demand is defined as:

- 1. that positive amount by which off-peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand), or;
- 2. that positive amount by which off-peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off-peak period demand exceeds 150% of the on-peak period demand), or;
- 3. zero when the above conditions in I are not met and the above conditions in II are not met.

Tucson, Arizona

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District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85A

In the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

### **BILLING DEMAND**

The maximum 60-minute measured demand in the month, but not less than 50% of the maximum on-peak demand used for billing purposes in the preceding 11 months, nor less than 50% of the contract demand, nor less than 200 kW.

# ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- 1. When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.
- 2. When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.
- 3. When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

# ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

### TAX CLAUSE

To the charges computed under the above prices, including any adjustments, shall be added the applicable procortionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

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Vice President, Rates & Requiatory Support

District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85A

### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

The Company shall require a written contract and a minimum term of contract.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, the Company shall assist in determining if a change in schedule is desirable, but not more than one such change shall be made within any twelve month period.

\*This Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters shall be installed within any specific time. However, the Company shall make its best effort to install the special meter within a reasonable time.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85 (FROZEN)

### AVAILABILITY

Throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Service under this Schedule shall be limited to a total of 30 MW.

### **APPLICABILITY**

To all general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. Customer shall contract for a demand of not less than 200 kW. Service under this Schedule shall commence when the appropriate meter has been installed.\*

Not applicable to resale, breakdown, standby, or auxiliary service.

### CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering shall be required for new installations with service requirements in excess of 2,500 kW.

### **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) \$5.702605 Per kW kW on peak summer \$3.766995 Per Excess kW Excess kW shoulder summer \$2.851302 Per Excess kW Excess kW off peak summer \$3.766995 Per kW kW on peak winter \$1.883497 Per Excess kW Excess kW off peak winter \$0.052857 Per kWh Summer kWh - Peak \$0.046901 Per kWh Summer kWh - Off Peak \$0.049879 Per kWh Summer kWh - Shoulder \$0.049879 Per kWh Winter kWh - Peak \$0.043923 Per kWh Winter kWh - Off Peak

Transmission \$0.642720 Per kW kW on peak summer \$0.424564 Per Excess kW Excess kW shoulder summer \$0.321360 Per Excess kW Excess kW off peak summer \$0.424564 Per kW kW on peak winter \$0.212282 Per Excess kW Excess kW off peak winter \$0.005957 Per kWh Summer kWh - Peak \$0.005286 Per kWh Summer kWh - Off Peak \$0.005622 Per kWh Summer kWh - Shoulder \$0.005622 Per kWh Winter kWh - Peak \$0.004950 Per kWh Winter kWh - Off Peak

Distribution

Tucson, Arizona

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Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85 (FROZEN)

Distribution Primary \$0.841268 Per kW kW on peak summer \$0.555720 Per Excess kW Excess kW shoulder summer \$0.420634 Per Excess kW Excess kW off peak summer \$0.555720 Per kW kW on peak winter \$0.277860 Per Excess kW Excess kW off peak winter \$0.007798 Per kWh Summer kWh - Peak \$0.006919 Per kWh Summer kWh - Off Peak \$0.007358 Per kWh Summer kWh - Shoulder \$0.007358 Per kWh Winter kWh - Peak \$0.006480 Per kWh Winter kWh - Off Peak

Distribution Secondary \$0.347037 Per kW kW on peak summer \$0.229244 Per Excess kW Excess kW shoulder summer \$0.173519 Per Excess kW Excess kW off peak summer \$0.229244 Per kW kW on peak winter \$0.114622 Per Excess kW Excess kW off peak winter \$0.003217 Per kWh Summer kWh - Peak \$0.002854 Per kWh Summer kWh - Off Peak \$0.003035 Per kWh Summer kWh - Shoulder \$0.003035 Per kWh Winter kWh - Peak \$0.002673 Per kWh Winter kWh - Off Peak

Customer Charge-Service Drop \$82.000000 Per Month

 Meter Services
 \$1.500000 Per Month

 Installation
 \$1.500000 Per Month

 Maintenance
 \$1.500000 Per Month

 Equipment
 \$9.000000 Per Month

Meter Reading Services \$1.000000 Per Month

Billing and Collection
Customer Accounting \$5.000000 Per Month

 Demand Side Management
 \$0.054385 Per kW

 kW on peak summer
 \$0.035925 Per Excess kW

 Excess kW shoulder summer
 \$0.027192 Per Excess kW

 Excess kW off peak summer
 \$0.035925 Per kW

 kW on peak winter
 \$0.017963 Per Excess kW

 Summer kWh - Peak
 \$0.000504 Per kWh

 Summer kWh - Off Peak
 \$0.000447 Per kWh

Tucson, Arizona

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Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85 (FROZEN)

 Summer kWh - Shoulder
 \$0.000476 Per kWh

 Winter kWh - Peak
 \$0.000476 Per kWh

 Winter kWh - Off Peak
 \$0.000419 Per kWh

Uncollectible Accounts
kW on peak summer

Excess kW shoulder summer

Excess kW off peak summer

\$0.007722 Per Excess kW

Excess kW off peak summer

\$0.005845 Per Excess kW

kW on peak winter

\$0.007722 Per kW

Excess kW off peak winter

\$0.003861 Per Excess kW

Summer kWh - Peak

\$0.000108 Per kWh

 Summer kWh - Peak
 \$0.000108 Per kWh

 Summer kWh - Off Peak
 \$0.000096 Per kWh

 Summer kWh - Shoulder
 \$0.000102 Per kWh

 Winter kWh - Peak
 \$0.000102 Per kWh

 Winter kWh - Off Peak
 \$0.000090 Per kWh

Customer Information and Lifeline Discount

\$0.060296 Per kW kW on peak summer Excess kW shoulder summer \$0.039830 Per Excess kW Excess kW off peak summer \$0.030148 Per Excess kW \$0.039830 Per kW kW on peak winter \$0.019915 Per Excess kW Excess kW off peak winter \$0.000559 Per kWh Summer kWh - Peak Summer kWh - Off Peak \$0.000496 Per kWh \$0.000527 Per kWh Summer kWh - Shoulder

 Summer kWn - Shoulder
 \$0.000527 Per kWn

 Winter kWh - Peak
 \$0.000527 Per kWh

 Winter kWh - Off Peak
 \$0.000464 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

Excess off-peak demand is defined as:

- that positive amount by which off-peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand), or:
- that positive amount by which off-peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off-peak period demand exceeds 150% of the on-peak period demand), or:
- zero when the above conditions in I are not met and the above conditions in II are not met.

In the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Tucson, Arizona

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District: Entire Electric Service Area

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### STANDARD OFFER TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85 (FROZEN)

Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

### **BILLING DEMAND**

The maximum 60-minute measured demand in the month, but not less than 50% of the maximum on-peak demand used for billing purposes in the preceding 11 months, nor less than 50% of the contract demand, nor less than 200 kW.

### ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- 1. When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.
- 2. When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.
- 3. When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0,00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No	85	
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Effective:		

# STANDARD OFFER TIME-OF-USE LARGE GENERAL SERVICE SCHEDULE NO. 85 (FROZEN)

#### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

The Company shall require a written contract and a minimum term of contract.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, the Company shall assist in determining if a change in schedule is desirable, but not more than one such change shall be made within any twelve month period.

\*This Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters shall be installed within any specific time. However, the Company shall make its best effort to install the special meter within a reasonable time.

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

Tariff No.	90A	
Sheet No.	1 of 4	
Revision No		
Effective:		

# STANDARD OFFER TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90A

### AVAILABILITY

Price Schedule No. 90 shall be available for any Customer within the service territory of the Company if the Company has facilities of adequate capacity and a written contract, covering such matters as the Company and Customer shall deem appropriate. Service under this Schedule shall commence when the appropriate meter has been installed.\*

### CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, and shall be supplied directly from any 46,000 volt, or higher voltage, system through distribution facilities used exclusively to serve Price Schedule No. 90 customers at a delivery voltage of not less than 2400/4160 volts and delivered at a single point of delivery unless otherwise specified in the contract.

### **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
kW on peak summer	\$9.955147 Per kW
Excess kW shoulder summer	\$6.568436 Per Excess kW
Excess kW off peak summer	\$4.901818 Per Excess kW
kW on peak winter	\$8.172667 Per kW
Excess kW off peak winter	\$4.010578 Per Excess kW
Summer kWh - Peak	\$0.053474 Per kWh
Summer kWh - Off Peak	\$0.037878 Per kWh
Summer kWh - Shoulder	\$0.044562 Per kWh
Winter kWh - Peak	\$0.053474 Per kWh
Winter kWh - Off Peak	\$0.037878 Per kWh

Transmission	
kW on peak summer	\$0.993062 Per kW
Excess kW shoulder summer	\$0.655226 Per Excess kW
Excess kW off peak summer	\$0.488974 Per Excess kW
kW on peak winter	\$0.815253 Per kW
Excess kW off peak winter	\$0.400070 Per Excess kW
Summer kWh - Peak	\$0.005334 Per kWh
Summer kWh - Off Peak	\$0.003778 Per kWh
Summer kWh - Shoulder	\$0.004445 Per kWh
Winter kWh - Peak	\$0.005334 Per kWh
Winter kWh - Off Peak	\$0.003778 Per kWh

### Distribution

Distribution Primary	
kW on peak summer	\$0.000000 Per kW
Excess kW shoulder summer	\$0.000000 Per Excess kW
Excess kW off peak summer	\$0.000000 Per Excess kW
kW on peak winter	\$0.000000 Per kW
Excess kW off peak winter	30.000000 Per Excess kW

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90A

Summer kWh - Peak	\$0.000000 Per kWh
Summer kWh - Off Peak	\$0.000000 Per kWh
Summer kWh - Shoulder	\$0.000000 Per kWh
Winter kWh - Peak	\$0.000000 Per kWh
Winter kWh - Off Peak	\$0.000000 Per kWh

### Distribution Secondary

\$0.000000 Per kW kW on peak summer \$0,000000 Per Excess kW Excess kW shoulder summer \$0.000000 Per Excess kW Excess kW off peak summer \$0.000000 Per kW kW on peak winter \$0.000000 Per Excess kW Excess kW off peak winter Summer kWh - Peak \$0.000000 Per kWh \$0.000000 Per kWh Summer kWh - Off Peak \$0.000000 Per kWh Summer kWh - Shoulder \$0.000000 Per kWh Winter kWh - Peak \$0.000000 Per kWh Winter kWh - Off Peak

Customer Charge-Service Drop \$0.000000 Per Month

 Meter Services
 \$2.00000 Per Month

 Installation
 \$2.00000 Per Month

 Maintenance
 \$2.00000 Per Month

 Equipment
 \$16.00000 Per Month

Meter Reading Services \$1.000000 Per Month

# Billing and Collection

Customer Accounting \$35.000000 Per Month

### Demand Side Management

\$0.095450 Per kW kW on peak summer \$0.062978 Per Excess kW Excess kW shoulder summer \$0.046999 Per Excess kW Excess kW off peak summer \$0.078359 Per kW kW on peak winter \$0.038453 Per Excess kW Excess kW off peak winter \$0.000513 Per kWh Summer kWh - Peak \$0.000363 Per kWh Summer kWh - Off Peak \$0.000427 Per kWh Summer kWh - Shoulder \$0.000513 Per kWh Winter kWh - Peak \$0.000363 Per kWh Winter kWh - Off Peak

### Uncollectible Accounts

 kW on peak summer
 \$0.020516 Per kW

 Excess kW shoulder summer
 \$0.013537 Per Excess kW

 Excess kW off peak summer
 \$0.010102 Per Excess kW

 kW on peak winter
 \$0.016843 Per kW

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President

tle: <u>Vice President, Rates & Regulatory Support</u>

District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90A

 Excess kW off peak winter
 \$0.008265 Per Excess kW

 Summer kWh - Peak
 \$0.000110 Per kWh

 Summer kWh - Off Peak
 \$0.000078 Per kWh

 Summer kWh - Shoulder
 \$0.000092 Per kWh

 Winter kWh - Peak
 \$0.000110 Per kWh

 Winter kWh - Off Peak
 \$0.000078 Per kWh

Customer Information and Lifeline Discount

kW on peak summer \$0.105825 Per kW Excess kW shoulder summer \$0.069824 Per Excess kW Excess kW off peak summer \$0.052107 Per Excess kW kW on peak winter \$0.086877 Per kW \$0.042633 Per Excess kW Excess kW off peak winter Summer kWh - Peak \$0.000568 Per kWh Summer kWh - Off Peak \$0.000403 Per kWh Summer kWh - Shoulder \$0.000474 Per kWh \$0.000568 Per kWh Winter kWh - Peak Winter kWh - Off Peak \$0.000403 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

Excess off-peak demand is defined as:

- that positive amount by which off-peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand), or;
- that positive amount by which off-peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off-peak period demand exceeds 150% of the on-peak period demand), or;
- 3. zero when the above conditions in I are not met and the above conditions in II are not met.

In the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m.. Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m. Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m. Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday fails

Tucson, Arizona

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Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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Effective:		

# STANDARD OFFER TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90A

on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

### **BILLING DEMAND**

The billing demand shall be specified in the contract, but shall not be less than 3,000 kW. Additionally, the On-Peak billing demand shall not be less than 66.67% of the maximum On-Peak billing demand in the preceding eleven (11) months, unless otherwise specified in the contract.

### POWER FACTOR ADJUSTMENT

Prices are subject to a discount or a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is above or below 90% lagging to a maximum discount of 13.0¢ per kW of billing demand per month.

### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

### TAX CLAUSE

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

The Company shall require a written contract and a minimum term of contract.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, the Company shall assist in determining if a change in schedule is desirable, but not more than one such change shall be made within any twelve month period.

\*This Schedule requires a type of meter that is not normally used; therefore, the Company makes no guarantee that meters shall be installed within any specific time. However, the Company shall make its best effort to install the special meter within a reasonable time.

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90 (FROZEN)

### **AVAILABILITY**

Price Schedule No. 90 shall be available for any Customer within the service territory of the Company if the Company has facilities of adequate capacity and a written contract, covering such matters as the Company and Customer shall deem appropriate. Service under this Schedule shall commence when the appropriate meter has been installed.\*

### CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, and shall be supplied directly from any 46,000 volt, or higher voltage, system through distribution facilities used exclusively to serve Price Schedule No. 90 customers at a delivery voltage of not less than 2400/4160 volts and delivered at a single point of delivery unless otherwise specified in the contract.

### **RATES**

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) \$9.955147 Per kW kW on peak summer \$6.568436 Per Excess kW Excess kW shoulder summer \$4,901818 Per Excess kW Excess kW off peak summer \$8,172667 Per kW kW on peak winter \$4.010578 Per Excess kW Excess kW off peak winter \$0.053474 Per kWh Summer kWh - Peak \$0.037878 Per kWh Summer kWh - Off Peak \$0.044562 Per kWh Summer kWh - Shoulder \$0.053474 Per kWh Winter kWh - Peak \$0.037878 Per kWh Winter kWh - Off Peak

Transmission \$0.993062 Per kW kW on peak summer \$0.655226 Per Excess kW Excess kW shoulder summer \$0.488974 Per Excess kW Excess kW off peak summer \$0.815253 Per kW kW on peak winter \$0.400070 Per Excess kW Excess kW off peak winter \$0.005334 Per kWh Summer kWh - Peak S0 003778 Per kWh Summer kWh - Off Peak \$0.004445 Per kWh Summer kWh - Shoulder \$0.005334 Per kWh Winter kWh - Peak \$0.003778 Per kWh

Distribution

Winter kWh - Off Peak

Distribution Primary \$0.000000 Per kW kW on peak summer \$0,000000 Per Excess kW Excess kW shoulder summer 50.000000 Per Excess kW Excess kW off peak summer \$0.000000 Per kW kW on peak winter "\$0,000000 Per Excess kW Excess kW off peak winter \$0.000000 Per kWh Summer kWh - Peak

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President. Rates & Reculatory Support

District: Entire Electric Service Area

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\$0.000000 Per kWh

# STANDARD OFFER TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90 (FROZEN)

Summer kWh - Off Peak	\$0.000000 Per kWh
Summer kWh - Shoulder	\$0.000000 Per kWh
Winter kWh - Peak	\$0.000000 Per kWh
Winter kWh - Off Peak	\$0.000000 Per kWh

Distribution Secondary \$0.000000 Per kW kW on peak summer \$0.000000 Per Excess kW Excess kW shoulder summer \$0.000000 Per Excess kW Excess kW off peak summer \$0.000000 Per kW kW on peak winter \$0.000000 Per Excess kW Excess kW off peak winter \$0.000000 Per kWh Summer kWh - Peak \$0.000000 Per kWh Summer kWh - Off Peak \$0.000000 Per kWh Summer kWh - Shoulder Winter kWh - Peak \$0.000000 Per kWh

\$0.000000 Per Month Customer Charge-Service Drop

Meter Services Installation

\$2,000000 Per Month \$2.000000 Per Month Maintenance \$16.000000 Per Month Equipment

\$1.000000 Per Month Meter Reading Services

Billing and Collection

Winter kWh - Off Peak

Winter kWh - Off Peak

\$35.000000 Per Month **Customer Accounting** 

Demand Side Management \$0.095450 Per kW kW on peak summer \$0.062978 Per Excess kW Excess kW shoulder summer \$0.046999 Per Excess kW Excess kW off peak summer \$0.078359 Per kW kW on peak winter \$0.038453 Per Excess kW Excess kW off peak winter \$0.000513 Per kWh Summer kWh - Peak \$0.000363 Per kWh Summer kWh - Off Peak \$0.000427 Per kWh Summer kWh - Shoulder \$0.000513 Per kWh Winter kWh - Peak \$0.000363 Per kWh

Uncollectible Accounts \$0.020516 Per kW kW on peak summer \$0.013537 Per Excess kW Excess kW shoulder summer \$0.010102 Per Excess kW Excess kW off peak summer 50.016843 Fer kW kW on peak winter \$0.008265 Per Excess kW Excess kW off peak winter

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

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# STANDARD OFFER TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90 (FROZEN)

Summer kWh - Peak	\$0.000110 Per kWh
Summer kWh - Off Peak	\$0.000078 Per kWh
Summer kWh - Shoulder	\$0.000092 Per kWh
Winter kWh - Peak	\$0.000110 Per kWh
Winter kWh - Off Peak	\$0.000078 Per kWh

Customer Information and Lifeline Discount	
kW on peak summer	\$0.105825 Per kW
Excess kW shoulder summer	\$0.069824 Per Excess kW
Excess kW off peak summer	\$0.052107 Per Excess kW
kW on peak winter	\$0.086877 Per kW
Excess kW off peak winter	\$0.042633 Per Excess kW
Summer kWh - Peak	\$0.000568 Per kWh
Summer kWh - Off Peak	\$0.000403 Per kWh
Summer kWh - Shoulder	\$0.000474 Per kWh
Winter kWh - Peak	\$0.000568 Per kWh
Winter kWh - Off Peak	\$0.000403 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

Additional charges may be directly assigned to a customer pursuant to its contract.

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

Excess off-peak demand is defined as:

- 1. that positive amount by which off-peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand).
- 2. that positive amount by which off-peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off-peak period demand exceeds 150% of the on-peak period demand), or:
- 3. zero when the above conditions in I are not met and the above conditions in II are not met.

In the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

Summer billing months are May through October and winter billing months are November through April.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m.. Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Cff-Peak. If a holiday fails

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER TIME-OF-USE LARGE LIGHT AND POWER SCHEDULE NO. 90 (FROZEN)

on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

#### **BILLING DEMAND**

The billing demand shall be specified in the contract, but shall not be less than 3,000 kW. Additionally, the On-Peak billing demand shall not be less than 66.67% of the maximum On-Peak billing demand in the preceding eleven (11) months, unless otherwise specified in the contract.

#### POWER FACTOR ADJUSTMENT

Prices are subject to a discount or a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is above or below 90% lagging to a maximum discount of 13.0¢ per kW of billing demand per month.

### MARKET GENERATION COMPONENT (MGC)

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

#### TAX CLAUSE

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

#### **RULES AND REGULATIONS**

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

The Company shall require a written contract and a minimum term of contract.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, the Company shall assist in determining if a change in schedule is desirable, but not more than one such change shall be made within any twelve month period.

\*This Schedule requires a type of meter that is not normally used: therefore, the Company makes no guarantee that meters shall be installed within any specific time. However, the Company shall make its best effort to install the special meter within a reasonable time

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District:

Entire Electric Service Area

Tariff No.	201	
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Effective:		

# STANDARD OFFER SPECIAL RESIDENTIAL SCHEDULE NO. 201

### **AVAILABILITY**

In all territory served by Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served. Direct access to the meter during normal working hours is also a prerequisite for Options B & C of this Schedule.

### **APPLICABILITY**

To single phase or three phase (Option A only) (subject to availability at point of delivery) residential electric service in individual private dwellings when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this Schedule requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Good Cents program as in effect at the time of subscription to this Schedule. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this Schedule. Three different Options are available under this Schedule: A, B, & C. Subscription eligibility requirements are as follows:

Option A:

Customer must meet conditions outlined above.

Option B:

Customer must meet conditions required for option A and must purchase under the time-of-use structure applicable to

Option B. Applicable only to single phase service.

Option C:

Customer must meet above conditions required for option A, must use either (i.) solar equipment for water heating requirements during the year or (ii.) an electric heat pump water heater, or both (i.) and (ii.), and must purchase under the

time-of-use structure applicable to Option C. Applicable only to single phase service.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voitage fluctuations.

Service under Option B or Option C of this Schedule will commence when the appropriate meter has been installed.\* Customers must stay on Option B or Option C of this Schedule for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period under Option B or Option C of this Schedule, may opt to switch service to the non-time-of-use Option A of this Schedule. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under Rate No. 201, Option B or Option C that would not have been paid under Rate No. 1. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

### **CHARACTER OF SERVICE**

Option A:

Single or three phase, 60 Hertz, nominal 120/240 volts.

Option B:

Single phase only, 60 Hertz, nominal 120/240 volts.

Option C:

Single phase only, 60 Hertz, nominal 120/240 volts.

**RATES - OPTION A** 

### Single-Phase Service

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule: Generation (see MGC below)

kWh consumed 6/1-8/31

\$0.060950 Per kWh

kWh consumed 5/1-5/30 & 9/1-10/31

\$0.043881 Per kWh

kWh consumed 11/1-4/30

\$0.033931 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title: Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER SPECIAL RESIDENTIAL SCHEDULE NO. 201

Transmission

\$0.007305 Per kWh

Distribution

Distribution Primary

\$0.015988 Per kWh

Distribution Secondary

\$0.007091 Per kWh

Subtotal

Customer Charge-Service Drop

\$2.685628 Per Month

Meter Services

Installation

\$0.400543 Per Month

Maintenance

\$0.080109 Per Month

Equipment

\$0.320434 Per Month

Subtotal

\$0.801086 Per Month

Meter Reading Services

\$0.513286 Per Month

Billing and Collection

**Customer Accounting** 

\$1,000000 Per Month

Demand Side Management

\$0.000617 Per kWh

Uncollectible Accounts

\$0.000133 Per kWh

Customer Information and Lifeline Discount

\$0.000684 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

### Three Phase Service

Same as single-phase service, except three-phase service is subject to the following additional charges:

There is a 3 phase differential of:

\$7.500000 Per Month

Its components are:

Customer Charge-Service Drop

\$1.000000 Per Month

Meter Services

Installation

\$0.812500 Per Month

Maintenance

\$0.812500 Per Month

Equipment

34.875000 Per Month

Subtotal

\$6,500000 Per Month

Tucson, Arizona

Filed by: Steven J. Glaser

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER SPECIAL RESIDENTIAL SCHEDULE NO. 201

### RATES - OPTION B

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below)	
kWh consumed 6/1-8/31 - Peak	\$0.156093 Per kWh
kWh consumed 6/1-8/31 - Off Peak	\$0.027523 Per kWh
kWh consumed 6/1-8/31 - Shoulder	\$0.086863 Per kWh
kWh consumed 5/1-5/30 & 9/1-10/31 - Peak	- \$0.117572 Per kWh
kWh consumed 5/1-5/30 & 9/1-10/31 - Off - Peak	\$0.015359 Per kWh
kWh consumed 5/1-5/30 & 9/1-10/31 - Shoulder	\$0.062534 Per kWh
kWh consumed 11/1-4/30 - Peak	\$0.070397 Per kWh
kWh consumed 11/1-4/30 - Off Peak	<b>\$</b> 0.003560 <i>Per kWh</i>
Transmission	\$0.007305 Per kWh
Distribution	
· Distribution Primary	\$0.015988 Per kWh
Distribution Secondary	\$0.007091 Per kWh
Subtotal	
Customer Charge-Service Drop	\$2.685628 Per Month
Meter Services	
Installation	\$1.360543 Per Month
Maintenance	\$0.272109 Per Month
Equipment	\$1.088434 Per Month
Subtotal	\$2.721086 Per Month
Meter Reading Services	\$0.513286 Per Month
Billing and Collection	
Customer Accounting	\$1.000000 Per Month
Demand Side Management	\$0.000617 Per kWh
Uncollectible Accounts	\$0.000133 Per kWh
Customer Information and Lifeline Discount	\$0.000684 Per kWh

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

The Company has the option to price service in the biiling months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the shoulder summer shoulder price in following billing months.

Tucson. Arizona

Filed by: Steven J. Glaser

Title: Vice Pre

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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# STANDARD OFFER SPECIAL RESIDENTIAL SCHEDULE NO. 201

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

### RATES - OPTION C

A monthly net bill based on the following, as applicable, plus any adjustments incorporated in this Schedule:

Generation (see MGC below) kWh consumed 6/1-8/31 - Peak kWh consumed 6/1-8/31 - Off Peak kWh consumed 6/1-8/31 - Shoulder kWh consumed 5/1-5/30 & 9/1-10/31 - Peak kWh consumed 5/1-5/30 & 9/1-10/31 - Off - Peak kWh consumed 5/1-5/30 & 9/1-10/31 - Shoulder kWh consumed 11/1-4/30 - Peak kWh consumed 11/1-4/30 - Off Peak	\$0.156093 Per kWh \$0.027523 Per kWh \$0.086863 Per kWh \$0.117572 Per kWh \$0.015359 Per kWh \$0.062534 Per kWh \$0.070397 Per kWh \$0.003560 Per kWh
Transmission	\$0.007305 Per kWh
Distribution Distribution Primary Distribution Secondary Subtotal Customer Charge-Service Drop	\$0.015988 Per kWh \$0.007091 Per kWh \$2.685628 Per Month
Meter Services Installation Maintenance Equipment Subtotal	\$1.360543 Per Month \$0.272109 Per Month \$1.088434 Per Month \$2.721086 Per Month
Meter Reading Services	\$0.513286 Per Month
Billing and Collection Customer Accounting	\$1.000000 Per Month
Demand Side Management	\$0.000617 Per kWh
Uncollectible Accounts	\$0.000133 Per kWh
Customer Information and Lifeline Discount	\$0.000684 Per kWh

Tucson, Arizona

Filed by: Steven J. Glaser

Title:

Vice President, Rates & Regulatory Support

District: Entire Electric Service Area

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### STANDARD OFFER SPECIAL RESIDENTIAL SCHEDULE NO. 201

Demand-Side Management, Uncollectible Accounts, Customer Information and Lifeline Discount are collectively referred to as the System Benefit Charge (SBC).

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the shoulder summer shoulder price in following billing months.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

### MARKET GENERATION COMPONENT (MGC) - Applies to all Options

Generation shall further be unbundled between the MGC and the Interim Transition Charge (ITC). The MGC represents a forecast of the market price of generation, usage patterns, ancillary services, capacity reserves, and other necessary generation costs. The MGC shall be filed for each rate class thirty (30) days before the beginning of the subsequent calendar year. The difference between the unbundled generation component and the MGC is the ITC as provided for in the Company's Settlement Agreement.

### ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge of \$0.00004473 per kWh shall be applied for costs associated with the implementation of the AISA in Arizona.

### TAX CLAUSE - Applies to all Options

To the charges computed under the above prices, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

### RULES AND REGULATIONS - Applies to all Options

### Service Connection Charges

- There shall be a \$13.50 charge for the initial establishment of each new service for each Customer. 1.
- There shall be a \$13.50 charge for the re-establishment of each service for each Customer. 2.

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

Optional price schedules are or may become available for certain classes of Customers. Upon application for service or upon request the Company will assist the Customer in selecting the price schedule best suited to the Customer's requirements, but Company does not guarantee that Customers will be served under the most favorable schedule. Upon written notification of any material changes in Customer's installation, load conditions, or use of service, the Company shall assist in determining if a change in schedule is desirable. but not more than one such change shall be made within any twelve month period.

Tucson, Arizona

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# STANDARD OFFER SPECIAL RESIDENTIAL SCHEDULE NO. 201

Electric space heating and water heating equipment and installation shall conform to the Company's requirements.

\* Options B and C or this Rate Schedule require a type of meter that is not normally used; therefore, the Company makes no guarantee that meters will be installed within any specific time. However, the Company will make its best effort to install the special meter within a reasonable time.